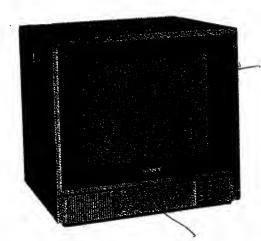
SERVICE MANUAL



US Model Chassis No. SCC-611A-A US Model Canadian Model

Chassis No. SCC-585A-A

October, 1984

Resolution

SPECIFICATIONS

Outputs

Weight

PAL, SECAM, NTSC and NTSC4.43 systems, Color system

switched automatically

Trinitron tube Picture tube

Approx. 33 cm (13 inches), 90-degree deflec-

tion, Super Fine Pitch 0.25 mm

(Approx. 31 cm picture measured diagonally)

RGB inputs: 600 lines, 640 × 200 dots

Composite input: 550 lines

PVM-1271Q: 9,300°K Color temperature

PVM-1371QM: 6,500°K

(Can be changed to either temperature by an internal switch. For switching of the color temperature, consult your authorized

Sony dealer.)

10 MHz (-3 dB, RGB) Frequency response

5.5.MHz (-3 dB, composite video)

Horizontal linearity ±8%

Vertical linearity ±5%

Line pull range Horizontal ±500 Hz

Verticăl 8 Hz

Overscan of the picture

Underscan of the picture

Return loss 4 MHz, 35 dB (LINE A, LINE B)

Zooming Within 2%

Convergence Central area 0.6 mm

Periphery 0.8 mm

Brightness

More than 35 foot-lamberts

Inputs

□ VIDEO IN: BNC connector VTR: 8-pin connector, Pin No. 2 (pin No.

6: ground)

composite 1 Vp-p ±6 dB, sync negative, 75 ohms and high impedance switchab

AUDIO IN: mini jack

VTR: 8-pin connector, Pin No. 1 (pin No. 1)

5: around)

-5 dBs, high impedance

EXT SYNC IN: BNC connector composite sync 2 - 8 Vp-p, negative,

75 ohms and high impedance switchable

RGB IN: BNC connector

0.7 Vp-p, ±6 dB, 75 ohms, non composite

AUDIO (RGB) IN: mini jack

-5 dBs, high impedance CMPTR: 25-pin connector

For details, see "CMPTR connector"

VIDEO OUT: BNC connector

AUDIO OUT: mini jack

Output level 1 W

EXT SYNC OUT: BNC connector

RGB OUT: BNC connector

AUDIO (RGB) OUT: mini jack

Loop-through

PVM-1271Q: 120 V ac, 50/60 Hz Power requirements

PVM-1371QM: 220 - 240 V ac, 50/60 Hz

Power consumption PVM-1271Q: 105 W

PVM-1371QM: 90 W

Approx. $346 \times 330 \times 387 \text{ mm (w/h/d)}$ **Dimensions**

 $(13^{5/8} \times 13 \times 15^{1/4} \text{ inches})$

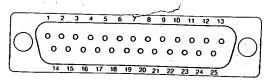
Approx. 14.5 kg (31 lb 15 oz)

TRINITRON® **COLOR VIDEO MONITOR** SONY





CMPTR connector (25 pin) Pin assignment



Pin No.	. Signal	Signal level
1*	IBM select	High state (5 V): IBM mode Low state: 3 Bit TTL
2	Audio select	High state (5 V or open): Audio inputs from pin 13. Low state (less than 0.4 V): Audio inputs from the LINE A AUDIO IN jack
3	H. sync or composite sync	Negative polarity When the high state is selected at pin 9: 1 V p-p, 75-ohm terminated When the low state is selected at pin 9: TTL level
4	Blue input	Positive polarity When the high state is selected at pin 9:
5	Green input	Analog signal (0.7 V p-p. 75-ohm terminated, non ours)
6	Red input	When the low state is selected at pin 9: Digital signal (TTL level)
7	+ 12 V power supply	0.3 A max
8	+ 5 V power supply	0.6 A max
9*	Analog/digital mode select	High state (open): Analog signal (0.7 V p-p) Low state (ground): Digital signal (TTL level)
Pin No.	Signal	Signal level
10	RGB/NORMAL mode select	High state (5 V or open): RGB inputs from a microcomputer Low state (ground): Composite video inputs from the LINE A VIDEO IN connector
11	V-sync	Negative polarity TTL level
12	Blanking	High state (5 V or open): Video inputs from a microcomputer only Low state (ground): Composite video input from the LINE A VIDEO IN connector During the low state, the video signal from the microcomputer is blanked and the composite video signal from the LINE A VIDEO IN connector is superimposed over the signal from the microcomputer.
13	Audio input	Input level -5 dB (100% modulation), input impedance more than 47 k ohms
14	EXT/INT mode sync switch	High state (open): Sync signal input from the CMPTR connector Low state: Sync signal input from the LINE A VIDEO IN connector
5-24	Ground	2 TOTAL MOST TION THE LINE A VIDEO IN Connector
25*	BM luminance signal	Positive polarity When the high state is selected at pin 1: TTL level When the low state is selected at pin 1: Low state (ground)

*Examples for microcomputer connections

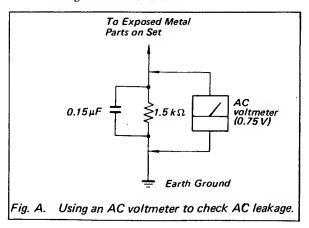
Pin No. Microcomputer	1	9	25
SMC-70/SMC-70G		High state	
IBM computer	High state	Low state	IBM luminance signal
TTL 3BIT computer	Low state	Low state	Low state

While the information given is true at the time of printing, small production changes in the course of our company's policy of improvement through research and design might not necessarily be indicated in the specifications. We would ask you to check with your appointed Sony dealer if clarification on any point is required.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

- Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
- Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
- Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
- Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
- Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
- Check the line cord for cracks and abrasion.
 Recommend the replacement of any such line cord to the customer.
- Check the condition of the monopole antenna (if any).
 Make sure the end is not broken off, and has the plastic cap on it. Point out the danger of impalement on a broken antenna to the customer, and recommend the antenna's replacement.
- 8. Check the B+ and HV to see they are at the values specified. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
- Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.



LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

- A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
- A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)

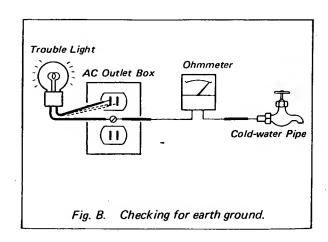


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SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK

ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIES PAR UNE TRAME ET PAR UNE MARQUE À SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIECES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÉCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIES DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.

SECTION 1 GENERAL

1-1. FEATURES

High-resolution picture

The Super Fine Pitch Trinitron picture tube (0.25 mm aperture grill) gives high resolution (composite: 550 lines, RGB: 650 lines) picture. When used as a character display, up to 2000 characters (80 characters/line × 25 lines) can be displayed with great clarity.

Analog/digital RGB input

Analog RGB and digital (TTL level) RGB input signals can be fed to the RGB input connectors (BNC type and 25-pin multi connectors), which allows a microcomputer or a data information system such as teletext, to be connected to this monitor.

Receives 4 TV broadcasting standards

This monitor can receive PAL, SECAM, NTSC and NTSC $_{4.43}$ * signals. The appropriate broadcasting standard is selected automatically.

Colorpure Filter

When NTSC video signals are received, a colorpure filter activates to increase the resolution about 35%, resulting in fine picture detail without color spill or color noise.

Underscan mode

The signal normally scanned outside of the screen can be monitored in the underscan mode.

Automatic frequency control

The incoming sync timing error compensation speed can be set to fast or slow, according to the input signal. In the slow mode, the jitter from a video tape recorder can be easily monitored.

Superimposition of a picture from a microcomputer on a picture from video equipment

When a Sony SMC-70 or SMC-70G microcomputer, an SMI-7073 superimposer and video equipment such as a video disc player are used together with this monitor, a picture from the microcomputer can be superimposed on a picture from the video equipment.

* An NTSC $_{4.43}$ system signal is obtained by playing back NTSC-recorded video tapes with a video tape recorder/player specially designed for use with this system.

By using an optional MB-502 mounting bracket, the PVM-1271Q/1371QM can be mounted in an EIA standard 19-inch rack. An optional SLR-102 slide rail is also available. For mounting details, see the appropriate instruction manual.

1-2. PRECAUTIONS

On safety

- Check that the operating voltage of your unit is identical with the voltage of your local power supply.
- •Should any liquid or solid object fall into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- Unplug the unit from the wall outlet if it is not to be used for several days.
- •To disconnect the ac power cord, pull it out by the plug. Never pull the cord itself.

On installation

•Allow adequate air circulation to prevent internal heat build-up.

Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation holes.

• Do not install the unit in a location near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.

On cleaning

To keep the unit looking brand-new, periodically clean it with a soft cloth. Stubborn stains may be removed with a cloth lightly dampened with a mild detergent solution. Never use strong solvents such as thinner or benzine, or abrasive cleansers since these will damage the cabinet. As a safety precaution, unplug the unit before cleaning it.

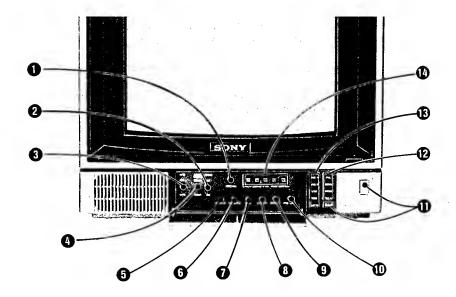
On repacking

Do not throw away the carton and packing materials. They make an ideal container in which to transport the unit. When shipping the unit to another location, repack it as illustrated on the carton.

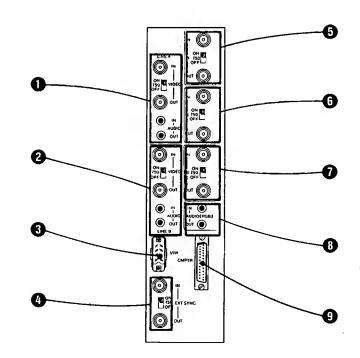
If you have any questions about this unit, contact your authorized Sony dealer.

1-3. LOCATION OF CONTROLS

Front panel



Rear panel



1-4. FUNCTION OF CONTROLS

FRONT PANEL

SECAM button

Press this button when a picture from SECAM color sources is distorted. The picture will become clear.

SYNC select switch

Sync may be supplied from an external sync generator to the EXT SYNC IN connector on the rear PANEL. When an external sync is supplied, with either a composite or noncomposite video input, set the SYNC select switch to EXT. When composite video is supplied with no external sync, set the SYNC select switch to INT.

3 AFC (automatic frequency control) switch

Select the AFC operation in the fast mode or slow mode.

FAST: incoming sync timing errors are compensated for.

Normally, set this switch to this position.

SLOW: incoming sync timing errors are displayed on the screen.

This mode is used to monitor the jitter from a VTR.

SCAN MODE select switch

Normal scanning or under scanning is achieved by proper setting of the SCAN MODE select switch. Set to NORMAL for normal scanning, or to UNDER for viewing a picture which does not appear in normal scanning. Under scanning reduces the display size by about 9%.

6 V HOLD (vertical hold) control

If the picture rolls vertically, correct it with this control.

O VOLUME control

Turn this control clockwise or counterclockwise to obtain the desired volume.

HUE control

This control is effective only for playing tapes of the NTSC or NTSC $_{4.43}$ system. Use to obtain the most natural skin tones. Clockwise rotation makes the skin tones more greenish; counterclockwise rotation makes them more purplish.

COLOR control

Adjusts the color intensity of the picture. Clockwise rotation makes the picture more vivid; counterclockwise rotation makes it paler.

BRIGHT (brightness) control

Adjusts the brightness. Normally set this control at the center detent position.

⊕ PICTURE control

Adjusts the contrast, color intensity and brightness simultaneously in the proper ratio.

POWER switch and indicator

To turn the monitor on, depress the POWER switch. The indicator will light. To turn the monitor off, press the switch again.

Color system indicators

Indicate the color system of the input video signal.

(B) Input indicators

Illuminate to indicate the input select button pressed.

(1) Input select buttons

Press to select the program to be monitored.

LINE A: for a signal from the LINE A connectors.

LINE B: for a signal from the LINE B connectors. VTR: for a signal from the 8-pin VTR connector.

RGB: for a signal from the R, G and B connectors.

CMPTR: for a signal from the 25-pin CMPTR connector.

REAR PANEL

O LINE A O LINE B

Two groups (A and B) of line input connectors for the composite video and audio signals and their loop-through output connectors.

To monitor the input signals to these connectors, press the LINE A or LINE B input select button on the front panel.

VIDEO IN connector (BNC type)

Connect to the video output of a video equipment, such as a VTR or a color video camera. For a loop-through connection, connect to the video output of another monitor.

VIDEO OUT connector (BNC type)

Loop-through output of the VIDEO IN connector. Connect to the video input of a VTR or another monitor.

AUDIO IN jack (mini)

Connect to the audio output of a VTR or to a microphone via a suitable microphone amplifier. For a loop-through connection, connect to the audio output of another monitor.

AUDIO OUT lack (mini)

Loop-through output of the AUDIO IN jack. Connect to the video input of a VTR or another monitor.

75-ohm termination switch

When only the VIDEO IN connector is used (nothing is connected to the VIDEO OUT connector), set this switch to ON. When both the VIDEO IN and VIDEO OUT connectors are used together for loop-through connection, set this switch to OFF.

O VTR connector (8-pin)

Line input for the video and audio signals. When connected with the 8-pin TV connector of a VTR, the video and audio playback signal from the VTR can be connected with a single cable.

To monitor the input signal to this connector, press the VTR input select button on the front panel.

 For connection, use an optional video cable VMC-3P (3 m, 9 feet), -5P (5 m, 15 feet) or -10P (10 m, 33 feet).

EXT SYNC (external sync)

IN connector (BNC type)

When this monitor operates on an external sync signal, connect the reference signal from a sync generator here.

OUT connector (BNC type)

Loop-through output of the EXT SYNC IN connector. Connect to the external sync input of video equipment to be synchronized with this monitor.

75-ohm termination switch

When only the EXT SYNC IN connector is used (nothing is connected to the EXT SYNC OUT connector), set this switch to ON.

When both the EXT SYNC IN and EXT SYNC OUT connectors are used together for a loop-through connection, set this switch to OFF.

G R G G B B AUDIO (RGB)

Analog RGB and audio input connectors and their loop-through output connectors.

To monitor the input signal to these connectors, press the RGB input select button on the front panel.

R/G/B IN conectors (BNC type)

Connect a character generator, microcomputer or video camera having RGB outputs here.

R/G/B OUT connectors (BNC type)

Loop through output of the R/G/B IN connectors. Connect to the RGB inputs of another monitor here.

75-ohm termination switch

When only the R/G/B IN connector is used (nothing is connected to the R/G/B OUT connector), set this switch to ON. When both the R/G/B IN and R/G/B OUT connectors are used together for a loop-through connection, set this switch to OFF.

AUDIO (RGB) IN jack (mini)

Connect the audio output of the equipment connected to the R/G/B IN connectors here.

AUDIO (RGB) OUT jack (mini)

Loop-through output of the AUDIO (RGB) IN jack.

CMPTR (computer) connector (25-pin)

Connect with a microcomputer having a digital (TTL level) or analog RGB video output.

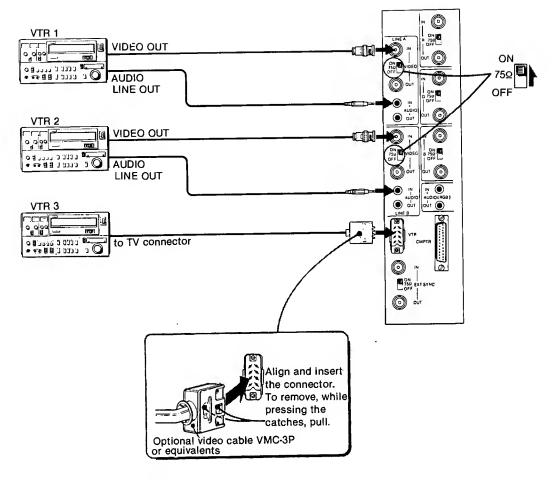
To monitor the input signal to this connector, press the CMPTR input select button on the front panel.

Color temperature selection

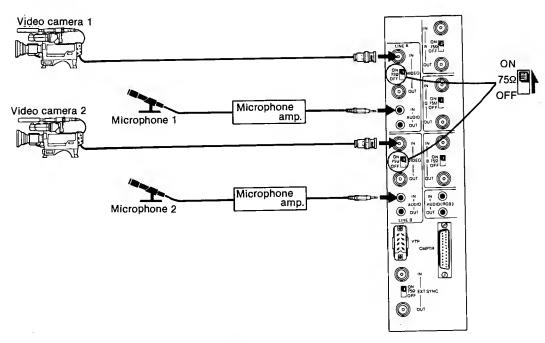
The color temperature of the PVM-1271Q has been preset at the factory to 9,300°K, and can be changed to 6,500°K. The color temperature of the PVM-1371QM has been preset to 6,500°K, and can be changed to 9,300°K. If the switching of the color temperature is required, consult your authorized Sony dealer.

1-5. SYSTEM CONNECTIONS

CONNECTING A VTR



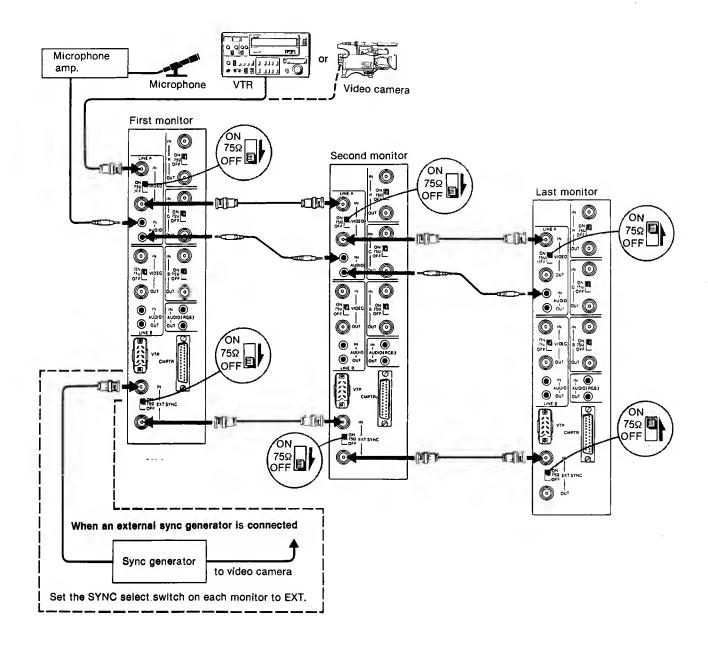
CONNECTING A CAMERA AND A MICROPHONE

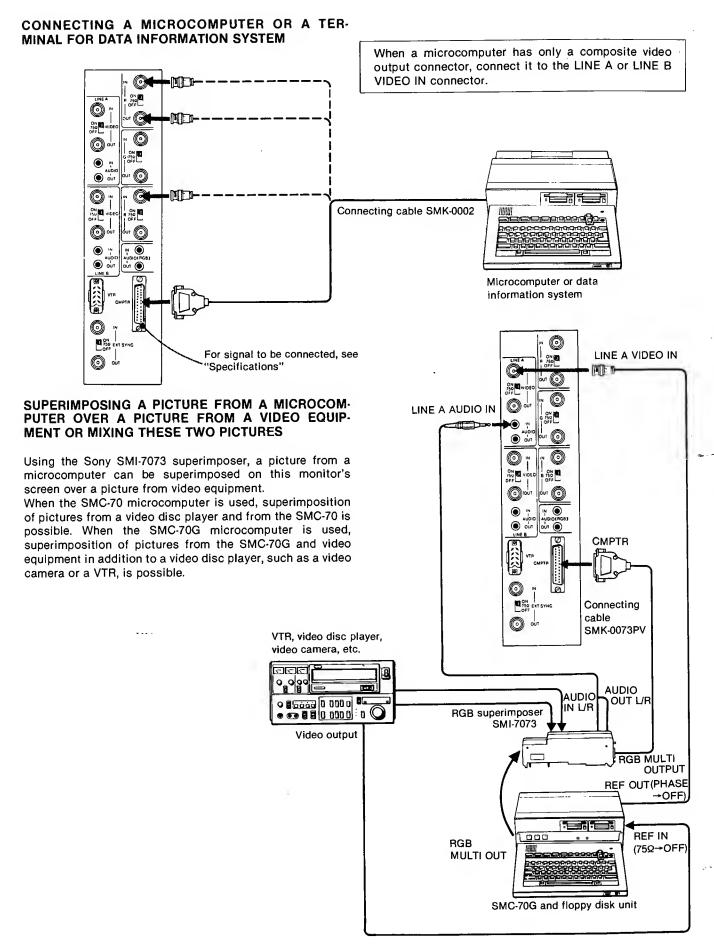


CONNECTING SEVERAL MONITORS

A loop-through connection is convenient for monitoring the same signal on other monitors. Use the video/audio input and output connectors of LINE A or LINE B to connect the monitors. Up to 10 monitors can be connected.

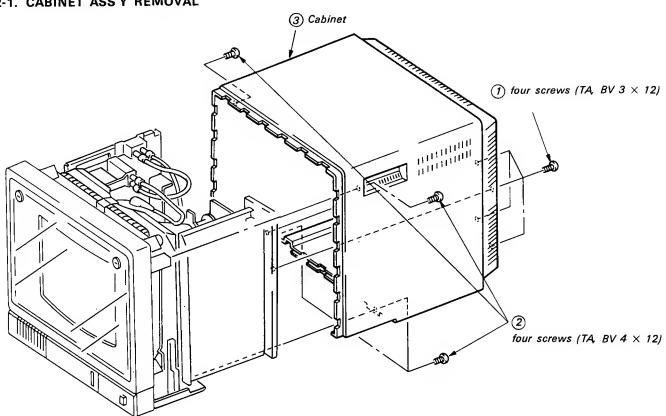
Set the 75-ohm termination switch of the last monitor to ON and that of the other monitors to OFF.

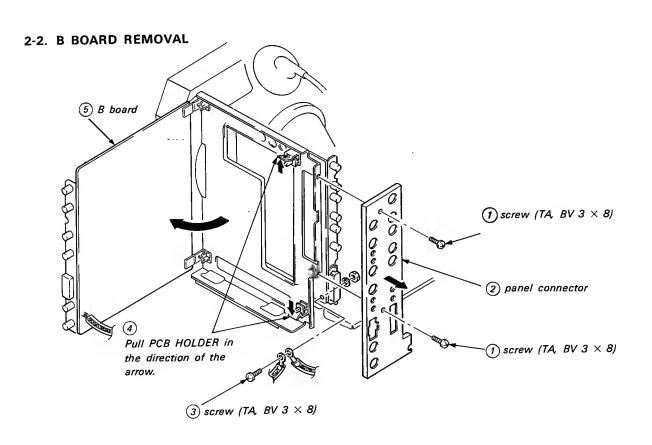




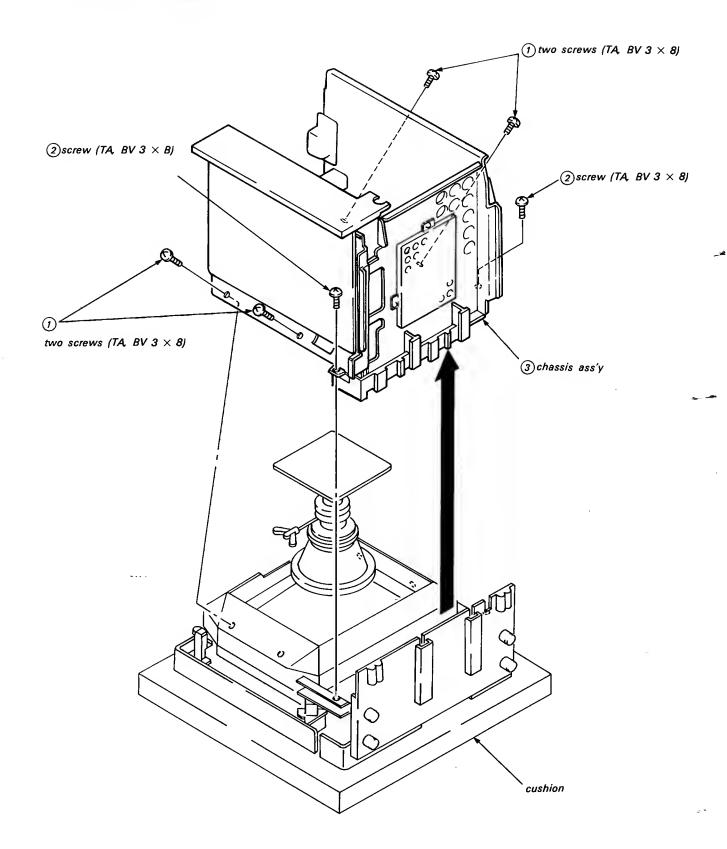
SECTION 2 DISASSEMBLY

2-1. CABINET ASS'Y REMOVAL

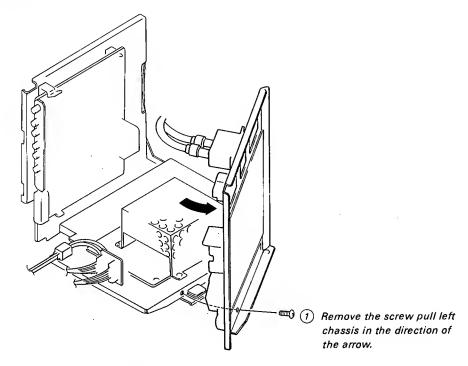


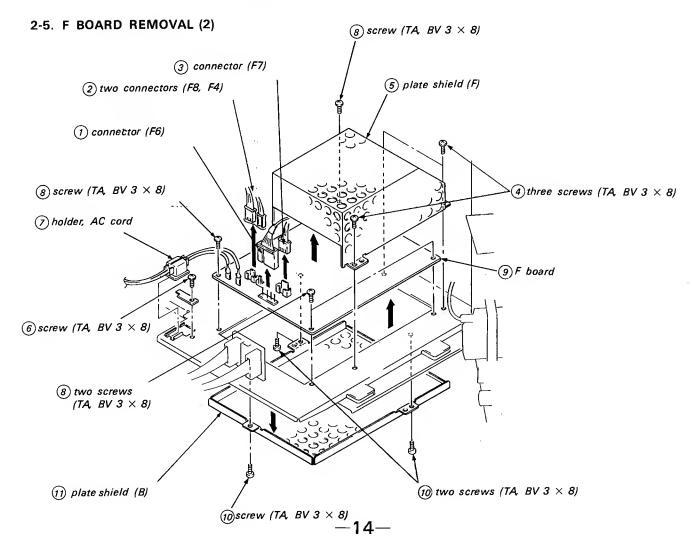


2-3. CHASSIS ASS'Y REMOVAL

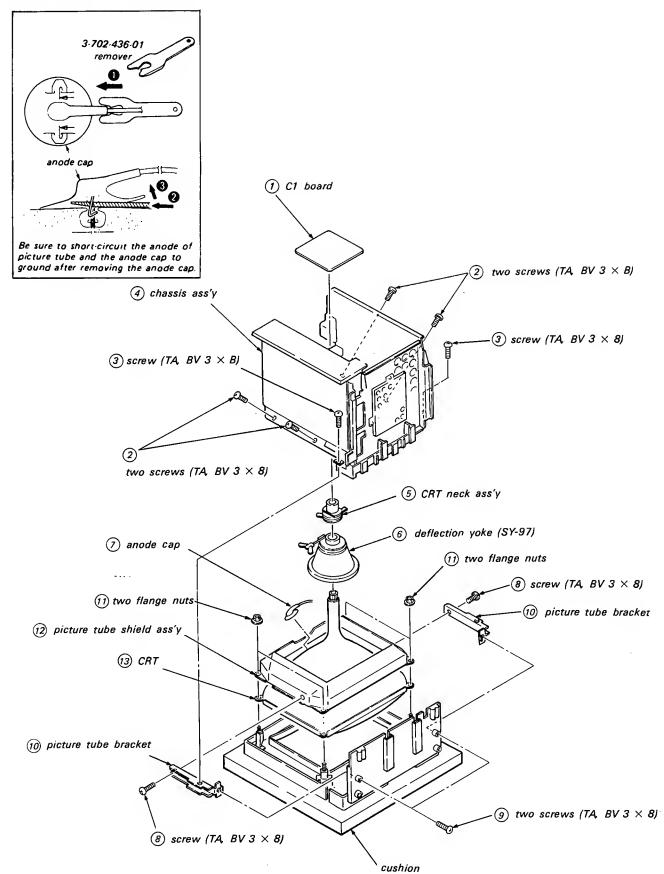


2-4. F BOARD REMOVAL (1)





2-6. PICTURE TUBE REMOVAL



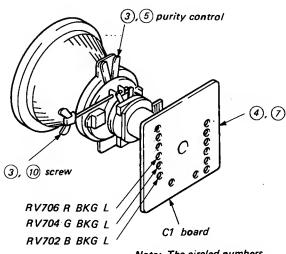
SECTION 3 ADJUSTMENTS

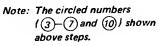
3-1. SETUP ADJUSTMENTS

3-1-1. BEAM LANDING

Landing Adjustment In the case of a 6,500°K color temperature, the number of VRs to be adjusted will differ.

- (1) Turn on set power supply and receive and allwhite signal.
- (2) Evenly degauss the entire screen.
- (3) Loosen the deflection yoke mounting screw, and set the purity control to the center as shown in Fig. 3-1.
- (4) Set BKG volume RV706 (R) to maximum and set RV704 (G) and RV702 (B) to minimum.
- (5) Move the deflection yoke back, and adjust the purity control so that (R) is in the center and (G) and (B) are at the sides, evenly. (Fig. 3-2)
- (6) Move the deflection yoke forward so that the entire screen is R.
 - * If the deflection yoke is pushed all the way to the CRT then moved slightly back, landing adjustment is easier.
- (7) Substitute (R), then (B) for (G) in step (4) and check landing.
- (8) Rotate (R), (G) and (B) once each and check landing.
- (9) When landing is not right, adjust the purity control and use magnets as shown in Fig. 3-3, then repeat steps (7) and (8).
- (10) When a magnet is used, be sure to perform step (2), and tighten deflection yoke mounting screw loosely.





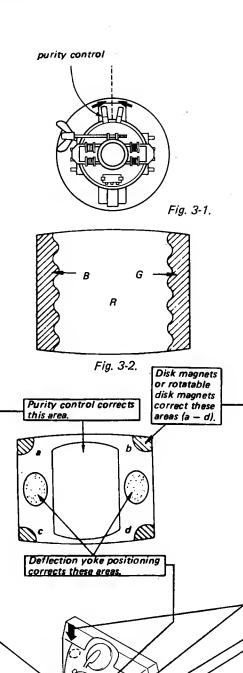


Fig. 3-3.

3-1-2 CONVERGENCE

- Before starting, perform FOCUS, H.SIZE, V.SIZE and V.LIN adjustments.
- Set BRIGHTNESS control to fully counterclock-
- Feed in the dot pattern.

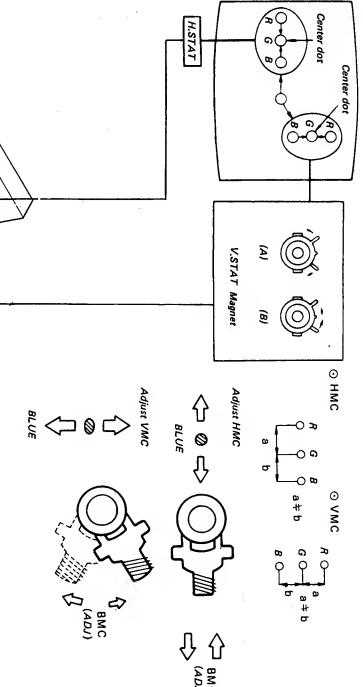
(1) Horizontal and Vertical Static Convergence

dots, perform following steps. If blue dot does not coincide with red and green

Move BMC magnet to correct insufficient H.static

V.static convergence. Rotate BMC magnet to correct insufficient

In either case, repeat Beam Landing Adjustment



3-1-4. WHITE BALANCE

Preparations

Adjustment of Screen (G2)

- G1 voltage at the time should be $5 \pm 1V$. monoscope signal, and set the brightness at 50%. The
- 2) disappearing of the luminscent line. Adjust with G2 VR (RV713) immedialely prior to the R.G.B. Cathode voltage becomes 110V DC

- Set BRIGHT at 50%, PICTURE at 0%, the various
- CONT VR) so that the signal of the maximum size of Cl board, and perform adjusting with RV107 (SUB Attach an oscilloscope to the input point B (blue) of

(2) Dynamic Convergence Adjustment

40

Preparation

Conne

(Chron

ADJUSTM!

- Before starting, perform Horizontal and Vertical Static Convergence Adjustment.
- Loosen deflection yoke screw.
- Remove deflection yoke spacers.
- 3. Move the deflection yoke for best convergence as

 $\overline{\mathbf{e}}$

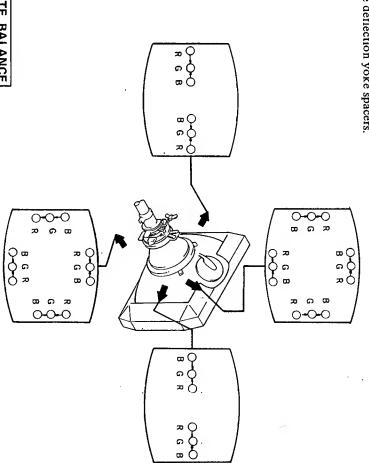
PICTU to "R.(Set the

BRIGH

Confin center

at 1.8 V

- Tighten the deflection yoke screw.
- 5. Install the deflection yoke spacers.



5

Confir

4

Raise t there is

 $\boldsymbol{\omega}$

Adjust

RV404

2)

PICTU

BRIGF

6500°K Set the Adjustment

second with R **PICTU** Set the

- Make the picture into minimum size by receiving
- Adjust BKG VR(RV702, R704 and R706) so that

RV708 B BKG H

RV714 RV714 FOCUS RV713 RV713 SCRN (G2)

RV710 G BKG H RV712 R BKG H

0

RV707 B DRIVE L

RV705 R DRIVE H RV703 G DRIVE H RV701 B DRIVE H RV711 R DRIVE L RV709 G DRIVE L

RV702 B BKG L RV704 G BKG L RV706 R BKG L

(1) Feed in monoscope signal, (PICTURE: 80%, BRIGHT: 50%)

Adjust RV714 for best Focus.

3-1-3. FOCUS (RV714)

C1 board

- [For 9300°K Color Temperature:]
 (1) Receive a totally white signal from the pattern
- 2) picture will become 1.8V.

- (3) BKG VR (RV708, 710, and 712) at 20%, and at 60%. the various DRIVE VR (RV701, 703, and 705)
- **£** Turn all the other BKG VR than the one for the balance at cut-off. color that started glowing first, and adjust the white

 \mathfrak{S}

Adjust the high light side white balance with drive

9 glowing the originess of man, and (4). Repeat operating steps (3) and (4). Ву wing the brightest of all, adjust the white balance. turning other drive VR than the one for the color

[For 6500°K Color Temperature:]

 By turning bKG VR (RV702, 704, and 706) and drive VR (RV707, 709, and 711), make the same mode. adjustment as in the 9,300°K color temperature

ice and green

it H.static

sufficient

justment

a₩b

вмс (*ADJ*)

3-1-4. WHITE BALANCE

Preparations

Adjustment of Screen (G2)

- Ξ Make the picture into minimum size by receiving G1 voltage at the time should be $5 \pm 1V$. monoscope signal, and set the brightness at 50%. The
- 2 disappearing of the luminscent line. R.G.B. Cathode voltage becomes 110V DC Adjust with G2 VR (RV713) immediately prior to the Adjust BKG VR(RV702, R704 and R706) so that

9

By turning other drive VR than the one for the color

glowing the brightest of all, adjust the white balance.

Repeat operating steps (3) and (4).

3

balance at cut-off.

Adjust the high light side white balance with drive

£

at 60%.

Turn all the other BKG VR than the one for the

color that started glowing first, and adjust the white

(3) BKG VR (RV708, 710, and 712) at 20%, and

the various DRIVE VR (RV701, 703, and 705)

- [For 9300°K Color Temperature:]
 (1) Receive a totally white signal from the pattern Set BRIGHT at 50%, PICTURE at 0%, the various generator.
- 2) Attach an oscilloscope to the input point B (blue) of CONT VR) so that the signal of the maximum size of Cl board, and perform adjusting with RV107 (SUB picture will become 1.8V.

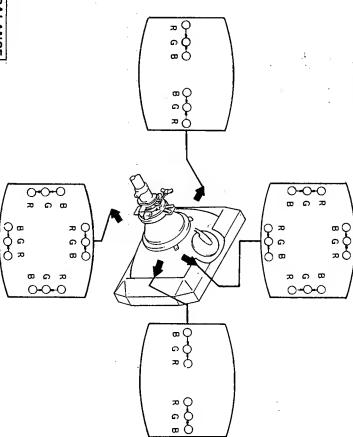
 $\frac{1}{\infty}$

[For 6500°K Color Temperature:]

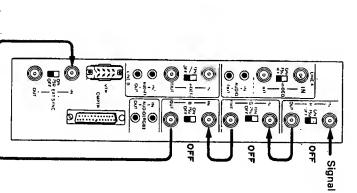
(1) By turning bKG VR (RV702, 704, and 706) and mode. drive VR (RV707, 709, and 711), make the same adjustment as in the 9,300°K color temperature

(2) Dynamic Convergence Adjustment

- Before starting, perform Horizontal and Vertical Static Convergence Adjustment.
- Loosen deflection yoke screw.
- 2. Remove deflection yoke spacers.
- ω Move the deflection yoke for best convergence as shown below.
- Tighten the deflection yoke screw.
- 5. Install the deflection yoke spacers.



- Set the chromatic temperature selection switch at 6500°**K**
- ٣ Adjust the respective RGBs with BRT VR (RV403, RV404 and R405)



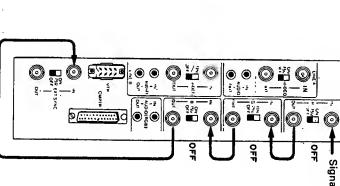
ADJUSTMENT OF RGB WHITE BALANCE

Preparations:

- Connect the connector as shown in diagram. (Chroma off of color bar signal)
- 2 Set the mode switching button on the control panel to "R.G.B." mode.
- ىپ BRIGHTNESS VR (RV681)... 50% at mechanical center PICTURE VR (RV684)... Maximum
- at 1.8 Vp-p. Confirm that pin (3) (green) of connector Q-4 is set
- 4 Set the BRIGHTNESS VR (RV681) at 50% and with RV402 (BRT) so that the screen stripe to the second point counting from the right lights faintly. PICTURE VR (RV684) at minimum size, and adjust

Adjustment:

- 7 BRIGHTNESS VR (RV681)...50%. PICTURE VR (RV684)...Minimum
- Raise the PICTURE VR (RV684) and confirm that
- Confirm by setting chromatic selection switch at there is no change in the chromatic temperature



<u></u>β2 SAFETY RELATED ADJUSTMENTS

HOLD DOWN 1 Adjustment (M R829 Adjustment)

8e sure to perform this after replacing the parts below (marked \square on the schematic).

R825, R826, R827, R828, R829, R830, R831, R832, R834, R842, R862, R863, R864, R865, R866, D803, D804, IC501, IC803, R833.

Note: The (1) pin of IC803 is the hold down check point (A)

connect the ammeter as shown to measure the A8L terminal current. Disengage ABL terminal of FBT from the foil and

- Feed in color-bar signal.
- 2. Set the BRIGHT, PICTURE & COLOR control to minimum. (ABL = 70 µA)
- ښ Confirm that the HOLD DOWN CIRCUIT operates and power supply. the raster disappears when $15.50 \stackrel{+0.0}{-0.10} V$ DC is applied to hold down check point (A) from an external DC
- 4. Confirm that the HOLD DOWN CIRCUIT does not operate when $14.80^{+0.10}_{-0.0}$ V DC is applied to hold down check point (A) from an external DC power supply.

 Note: If the HOLD DOWN CIRCUIT operates, immeset and cut the applied voltage immediately.
- Feed in an MONOSCOPE signal and adjust A8L current to 570 ± 50 µA with PICTURE, 8RIGHT, etc. VRs.

diately cut input and applied voltage.

Confirm that the HOLD DOWN CIRUIT operates and the raster disappears when $14.50^{+0}_{-0.10}$ V DC is applied to hold down check point (A) from an external DC power

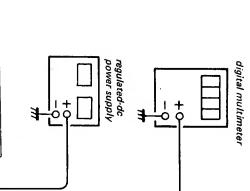
Note: When raster disappears, cut input voltage and applied voltage immediately.

- 7. Confirm that the HOLD DOWN CIRCUIT does not operate when 13.50+0.10 V DC is applied to hold down check point (A) from an external DC power supply.

 Note: If the HOLD DOWN CIRCUIT operates, immediately cut input and applied voltage.
- Adjust R829 so that steps 3, 4, 6 and 7 are satisfied.
- . 10. 9. Set the A8L terminal back to its original position.
- Confirm that the voltage on pin (1) of IC803 is 10.6 -14.3 V DC at the normal condition.
- ABL

foil by un-soldering and connect negative probe Disengage the ABL terminal of F8T from the to the ABL PIN of F8T.

digital multimeter

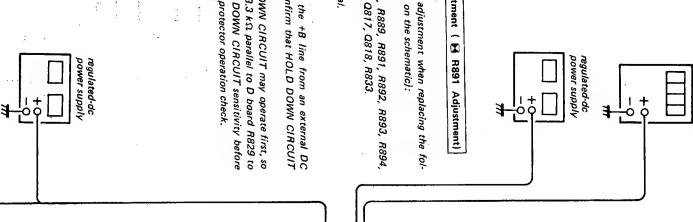


HOLD DOWN 2 Adjustment (R891 Adjustment)

Be sure to perfrom this adjustment when replacing the following parts (marked \square on the schematic):

- R832, R842, R888, R889, R891, R892, R893, R894, D803, D804, D815, Q817, Q818, R833.
- .2 .7 Input a color bar signal.
- PIC VR MIN
- ્ડ Apply DC 119 V to the +B line from an external DC power supply and confirm that HOLD DOWN CIRCUIT BRT VR MIN

Note: The HOLD DOWN CIRCUIT may operate first, so reduce HOLD DOWN CIRCUIT sensitivity before mount about 3.3 kΩ parallel to D board R829 to performing +B protector operation check.



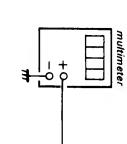
+B MAX Check (2 R640 Adjustment)

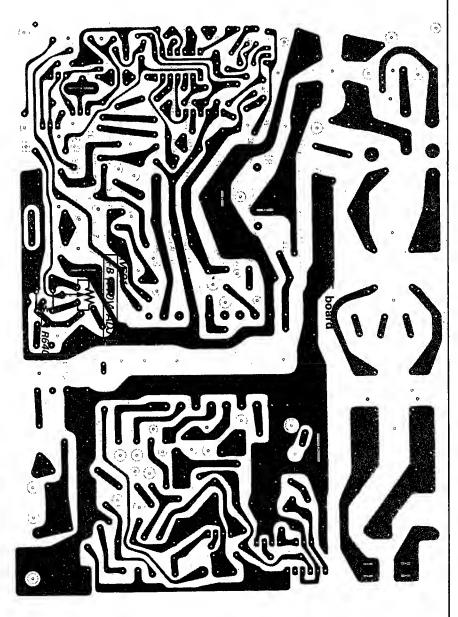
Be sure to perform this adjustment when replacing the following parts (marked \square on the schematic):

- R614, R615, R616, R622, R624, R632, R640, RV601, T603, T604, D608, D611, IC601.
- Input a dot signal.
 Input a AC 130^{+2}_{-0} V.
 Put set in cut-off state.
- 4. Turn F board +B ADJ VR (RV601) fully so that +B value is maximum.
- Confirm that +B value is less than 115.0 V.

+B VOLTAGE Adjustment

- Ξ Feed in a monoscope signal. Set PICTURE control at 80% and BRIGHT control at
- Supply 100 V AC with variable auto-trasformer.
- છ છ Adjust RV601 on F board so that +B voltage in 109.0 ±





+B MAX Check (M R640 Adjustment)

Be sure to perform this adjustment when replacing the following parts (marked \square on the schematic):

- R614, R615, R616, R622, R624, R632, R640, RV601, T603, T604, D608, D611, IC601.
- I Input a dot signal.
 Input a AC 130 +2 V.
 Rut set in cut-off state.
- Turn F board +B ADJ VR (RV601) fully so that +B value is maximum.
- Confirm that +B value is less than 115.0 V.

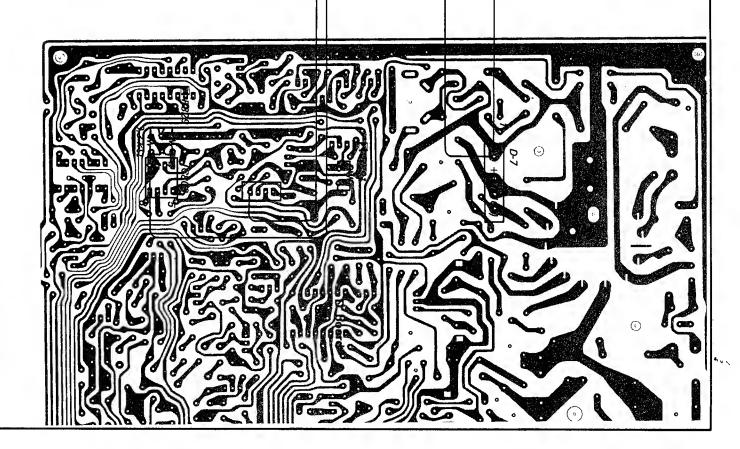
+B VOLTAGE Adjustment

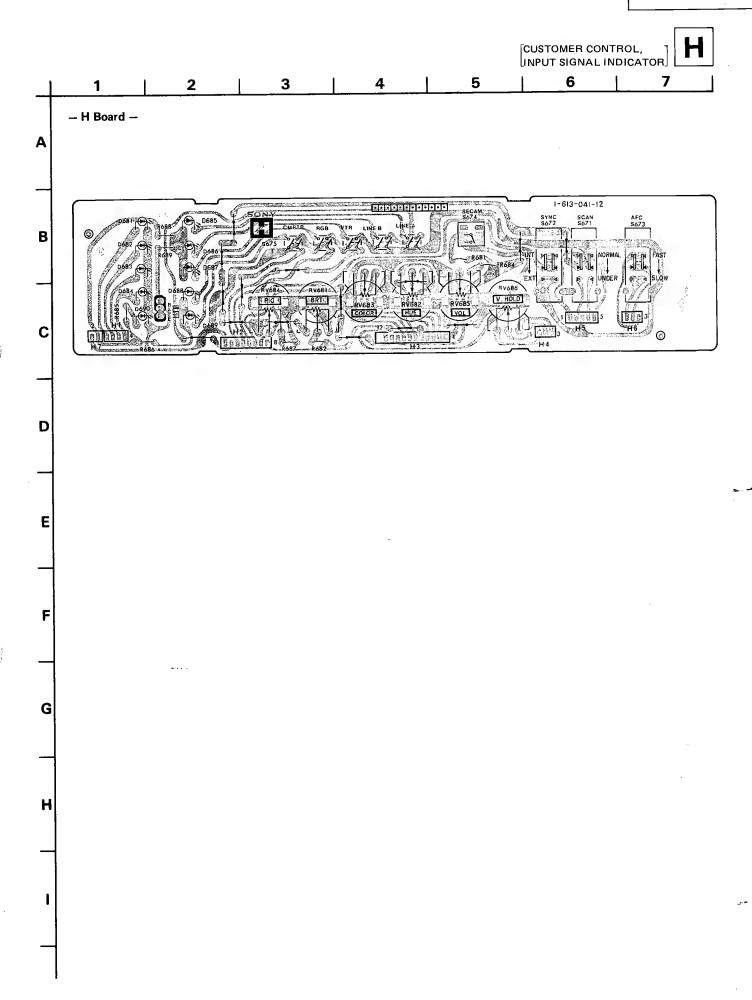
- (1) Feed in a monoscope signal.

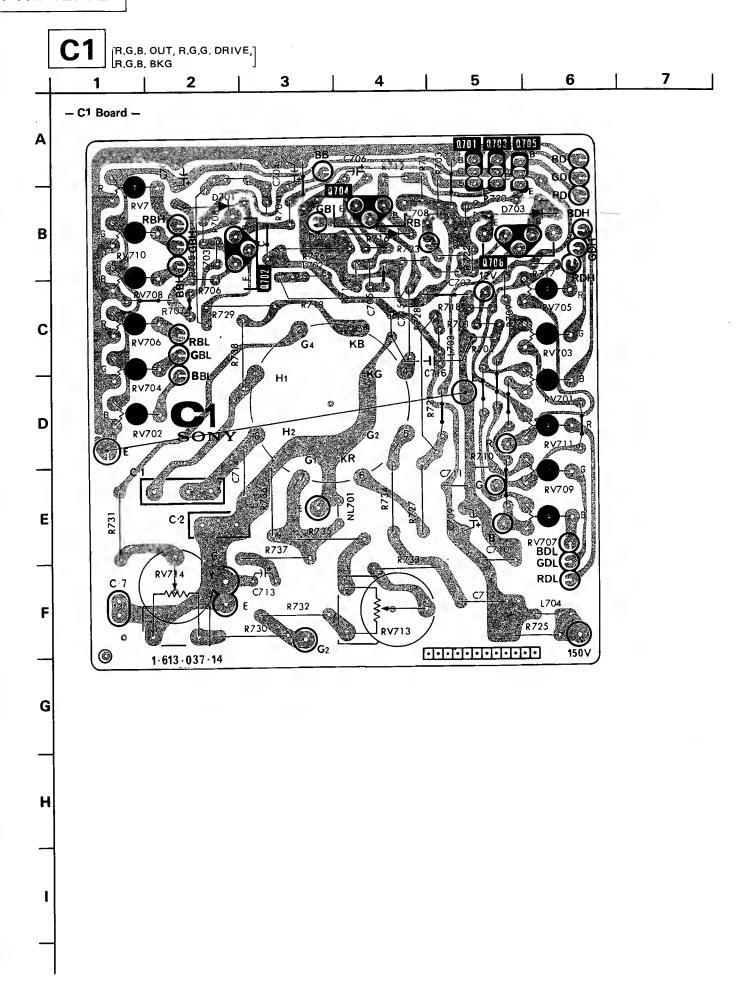
 Set PICTURE control at 80% and BRIGHT control at
- (2) Supply 100 V AC with variable auto-trasformer.
 (3) Adjust RV601 on F board so that +B voltage in 109.0 ± 0.5 V.

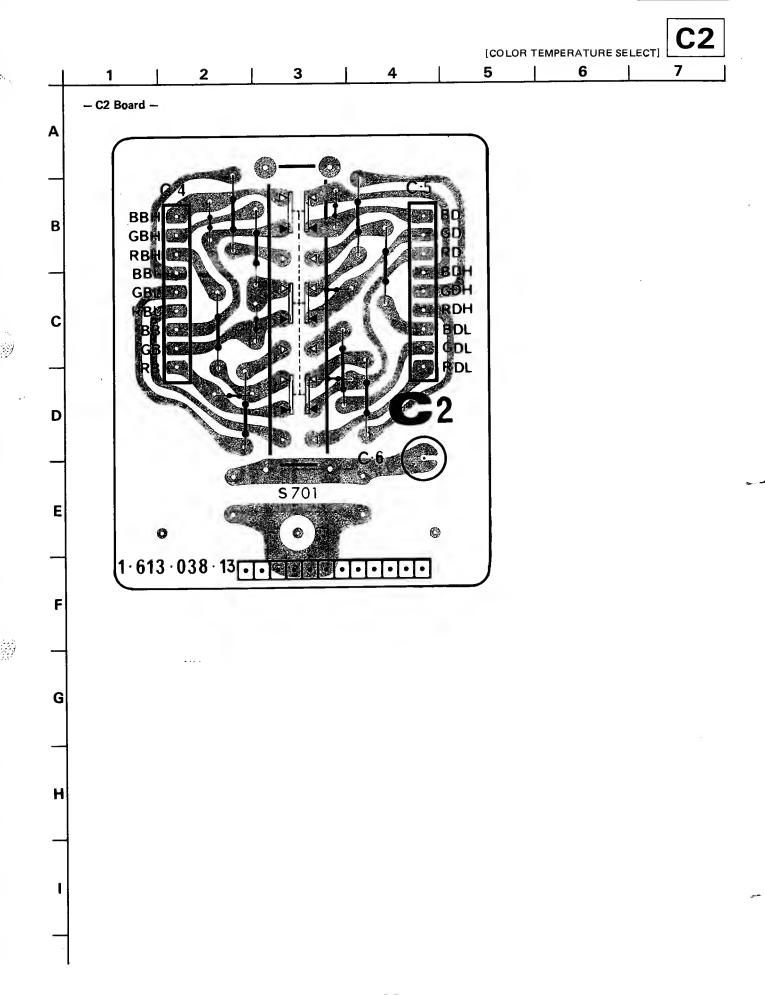


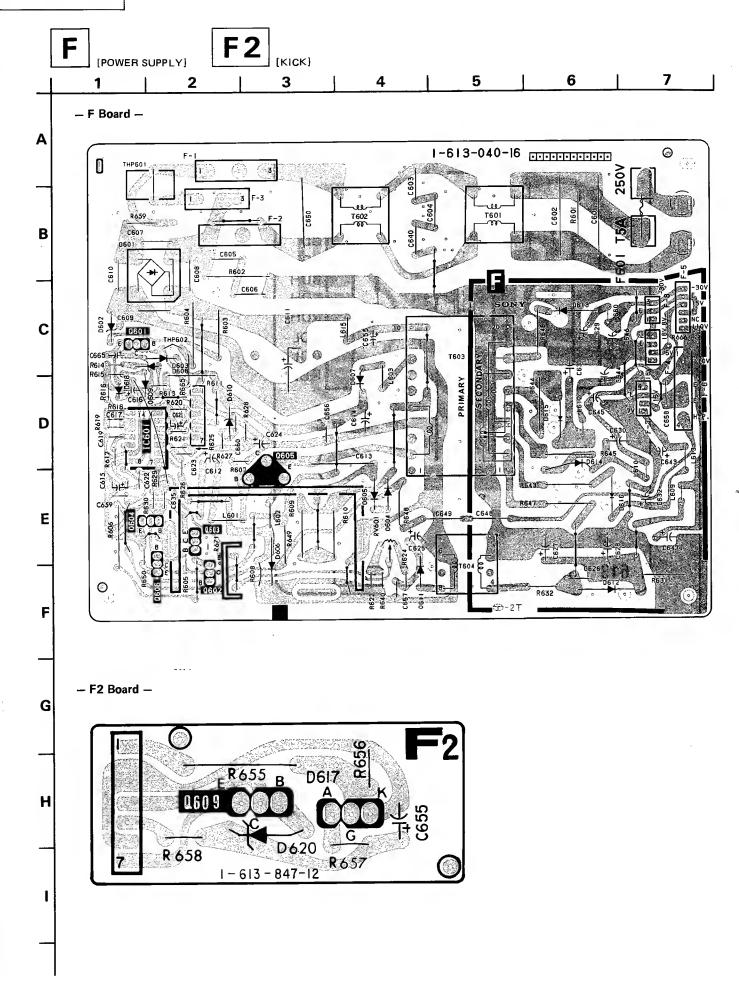












SECTION 5 EXPLODED VIEWS

NOTE:

- NUIL:

 Items with no part number and no description are not stocked because they are seldom required for routine service.

 The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

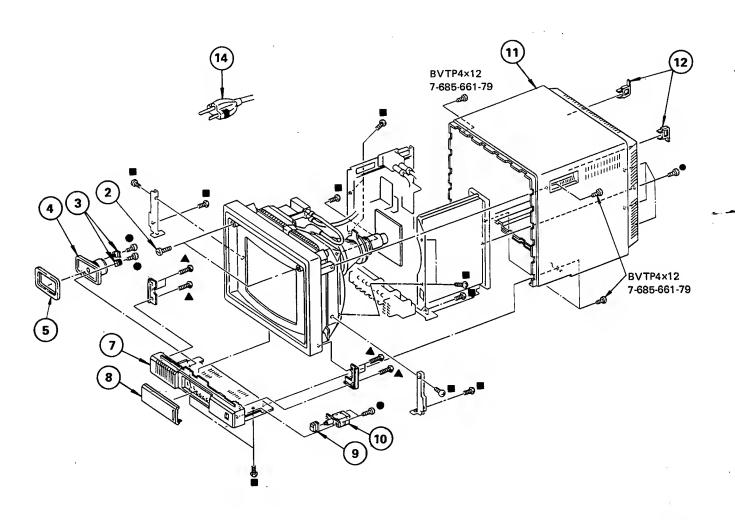
The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-1. CABINET

■: BVTP3×8 7-685-646-79 •: BVTP3×12 7-685-648-79

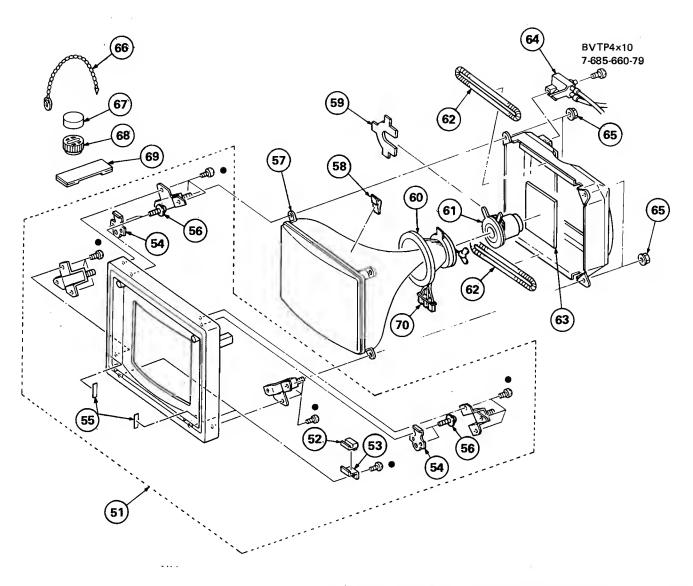
▲: BVTP4×12 7-685-661-14



		·					
No.	Part No.	<u>Oescription</u>	Remark	No.	Part No.	<u>Oescription</u>	Remark
4	*4-321-611-00 1-503-109-00 *4-364-741-00	CUSHION, SPEAKER PANEL ASSY, CONTROL	8	11 12	4-364-710-00 1-554-969-12 X-4365-404-3 4-316-003-00 1-534-517-31	HOLDER, CORD	

5-2. BEZEL

●: BVTP3×12 7-685-648-79



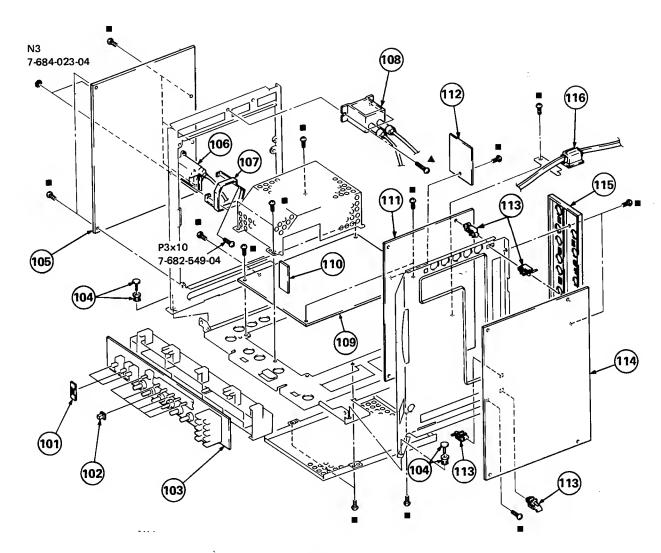
No.	Part No.	<u>Oescription</u>	Remark	No.	Part No.	<u>Oescription</u>	Remark
59	*4-341-905-00 9-911-837-XX 4-302-428-00 A. 8-738-312-05 3-703-961-01 1-452-146-21	PROTECTOR, FILTER HOLOER, FILTER NUT, PLATE (A) CUSHION (B), FILTER HEAO, WASHER, TAPPING SCREW PICTURE TUBE (330YB22) SPACER, DY	2589.J259	63 64 65 66 67 68 69	#.1-426-086-41 #.1-330-541-A #.1-228-482-14 4-306-034-00 4-308-870-00 1-452-032-00 1-452-094-00 X-4308-815-0	CRT NECK ASSY (H TYPE) COIL, DEGAUSSING C1 BOARD, COMPLETE RESISTOR ASSY, HIGH-VOLTAGE FLANGE NUT, (B) 5MM CLIP, LEAD WIRE MAGNET, OISK; 10MM Ø MAGNET, ROTATABLE OISK; 15MM Ø PERMALLOY ASSY, CONVERGENCE CONNECTOR ASSY (MINI, DY) 6P	7-18-7-18-94

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.

Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-3. CHASSIS

■: BVTP3x8 7-685-646-79 ▲: BVTP4x12 7-685-661-14



No.	Part No.	<u>Oescription</u>	Remark	No.	Part No.	<u>Oescription</u>	Remark
101	*4-337-419-00	INSULATOR (LARGE), SLIDE SWITCH		109		F BOARO, COMPLETE	110
102	4-369-627-01			110	*1-613-847-11		
103	*1-613-041-11			111		Q BOARO, COMPLETE	
104		RIVET, NYLON		112	*1-613-038-11		
105	+ + 104E 470 A	A DAMÁN COMPLETE		113	* 3-703 -141- 00	HOLOER, PCB	
106	A 1_4392308112	TRANSFORMER ASSY, FL YBACK	en lung.	114	*A-1135-253-A	B BOARO, COMPLETE	
107	*4-364-749-00	PLATE, SHIELO, F.B.T	The state of the s	115	4-365-421-01	PANEL (C), CONNECTOR	Commission of the Commission o
108	A.1-162-142-21	PLATE, SHIELO, F.B.T CAP BLOCK, HIGH VOLTAGE	FO RESEA	j 116 Z	1. ±4-364-726-01	BUSHING, AC CORD	PAR TO TRANSPORT BETTER

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.

Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



SECTION 6 ELECTRICAL PARTS LIST

NOTE:

The components identified by shading and mark Aare critical for safety.

Replace only with part number specified.

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

When indicating parts by reference number, please include the board name.

 All variable and adjustable resistors have characteristic curve B, unless

RESISTORS

• F : nonflammable

 \bullet All resistors are in ohms

CAPACITORS MF : μF, PF : μμF

COILS • MMH : ιπΗ, UH : μΗ

otherwise noted.

• The components identified by **I** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

							originally u	sed.			
Ref.No	o. Part No.	<u>Oescription</u>			Remark	Ref.No.	Part No.	<u>Oescription</u>			Remark
	*A-1135-253-A	B BOARO, CO	MPLETE			C112 C113 C114	1-102-971-00 1-102-978-00 1-123-332-00	CERAMIC CERAMIC ELECT	82PF 220PF 47MF	5% 5% 20%	50V 50V 16V
	*3-538-178-00 *4-364-755-01	HEAT SINK TAPE, SHIEL	0			C115 C117	1-123-356-00 1-123-356-00	ELECT ELECT	10MF 10MF	20% 20% 20%	16V 25V
	<u>CON</u>	INECTOR				C119 C120	1-102-944-00 1-102-944-00	CERAMIC CERAMIC	7PF 7PF	0.5PF 0.5PF	50V
81	*1-560-124-00	PLUG, CONNE	CTOR (2.5MM	PITCH)		C121	1-102-944-00	CERAMIC	7PF	0.5PF	50V 50V
B2	*1-560-224-00	PLUG, CONNE	CTOR (2.5MM)	10P		C122	1-102-944-00	CERAMIC	7PF	0.5PF	50V
83 84	*1-560-124-00 *1-560-128-00		CTOR (2.5MM)			C123	1-123-380-00	ELECT	1MF	20%	50V
85	*1-560-156-00		CTOR (2.5MM CTOR (2.5MM			C124	1-123-356-00	ELECT	10MF	20%	25V
		-				C127	1-101-004-00	CERAMIC	0.01MF		50V
86 87	*1-560-290-00 *1-560-124-00	PLUG, CONNE	CTOR (2.5MM)	PITCH)		C128	1-123-380-00	ELECT	1MF	20%	50V
88	*1-560-124-00		CTOR (2.5MM) CTOR (2.5MM)			C129 C130	1-123-356-00 1-123-380-00	ELECT ELECT	10MF 1MF	20% 20%	25V 50V
			010K (210KH)	.,		j		22201		20%	501
	CAP	ACITOR				C131 C132	1-106-220-00 1-106-220-00	MYLAR MYLAR	0.1MF 0.1MF	10%	100V 100V
C003	1-123-356-00	ELECT	10MF	20%	25 v	C132	1-123-332-00	ELECT	4.7MF	10%	160
C004	1-123-356-00	ELECT	10MF	20%	25 V	C134	1-102-944-00	CERAMIC	7PF	0.5PF	50V
C005 C006	1-123-356-00	ELECT	10MF	20%	25 V	C135	1-101-004-00	CERAMIC	0.01MF		50V
C007	1-123-356-00 1-123-356-00	ELECT	10MF 10MF	20% 20%	25 V 25 V	C136	1-101-880-00	CERAMIC	47PF	5%	50V
						C137	1-102-959-00	CERAMIC	22PF	5%	50V
C008	1-123-380-00	ELECT	1MF	20%	50V	C138	1-101-004-00	CERAMIC	0.01MF		50V
C009 C010	1-106-383-00 1-123-356-00	MYLAR Elect	0.047MF 10MF	10% 20%	100V 25 V	C139 C140	1-130-483-00 1-123-381-00	MYLAR ELECT	0.01MF 2.2MF	5% 20%	50V 50V
CO11	1-123-356-00	ELECT	10MF	20%	25V	0140	1-123-301-00		2.201	20%	301
C012	1-123-356-00	ELECT	10MF	20%	25V	C141	1-161-772-11	CERAMIC	0.1MF	10%	25V
C013	1-123-356-00	ELECT	10MF	20%	25 V	C142 C143	1-161-772-11 1-101-880-00	CERAMIC CERAMIC	0.1MF 47PF	10% 5%	25V 50V
C014	1-123-380-00	ELECT	1MF	20%	50V	C144	1-101-880-00	CERAMIC	47PF	5%	50V 50V
C015	1-106-383-00	MYLAR	0.047MF	10%	1000	C145	1-102-934-00	CERAMIC	1PF	0.25PF	500
C017 C018	1-106-383-00 1-123-380-00	MYLAR ELECT	0.047MF 1MF	10% 20%	100V 50V	C146	1-102-963-00	CERAMIC	33PF	5%	50V
0010	1-123-300-00		1111	20,6	301	C147	1-101-004-00	CERAMIC	0.01MF	3/6	50V 50V
CO19	1-123-356-00	ELECT	10MF	20%		C148	1-123-356-00	ELECT	10MF	20%	25V
CO20 CO21	1-123-356-00 1-123-356-00	ELECT ELECT	10MF 10MF	20% 20%	25V 25V	C149 C150	1-101-004-00 1-101-004-00	CERAMIC	0.01MF		50V 50V
C022	1-123-356-00	ELECT	10MF	20%	25 V	C130	1-101-004-00	CERAMIC	0.01MF		30 V
C023	1-123-356-00	ELECT	10MF	20%	25V	C151	1-101-004-00	CERAMIC	0.01MF		507
C024	1-123-356-00	ELECT	10MF	20%	25V i	C152 C153	1-101-004-00 1-106-375-12	CERAMIC	0.01MF	1.00/	507
C024	1-123-356-00	ELECT	10MF	20%	25 V	C155	1-100-3/5-12	MYLAR CERAMIC	0.02 <i>2</i> MF 9PF	10% 0.5PF	100V 50V
C026	1-123-332-00	ELECT	47MF	20%	25 V	C156	1-123-330-00	ELECT	22MF	20%	25 V
C027 C100	1-123-356-00 1-101-361-00	ELECT CERAMIC	10MF 150PF	20% 5%	25 V I	C157	1-123-380-00	CL CCT	1мг	00%	FOU
C100	1-101-301-00	CERAPITC	15077	3,6	30 ¥	C158	1-123-382-00	EL ECT EL ECT	1MF 3.3MF	20% 20%	50V 50V
C101	1-123-332-00	ELECT	4 7MF	20%	167	C159	1-124-049-00	ELECT	0.47MF	20%	50V
C102 C103	1-123-332-00 1-102-961-00	ELECT CERAMIC	47MF 27PF	20% 5%	25y i 50y i	C160 C161	1-102-115-00 1-102-971-00	CERAMIC	560PF 82PF	10% 5%	50V 50V
C103		CERAMIC	100PF	5% 5%	50V	C101	1-102-9/1-00	CERAMIC	82PF	5%	SUY
C105	1-123-356-00	ELECT	10MF	20%	167		1-101-361-00	CERAMIC	150PF	5%	50 V
C106	1-123-356-00	EL ECT	10MF	20%	25v i		1-102-971-00	CERAMIC	82PF	5%	50V
C106		ELECT CERAMIC	220PF	20% 5%	25V [1-121-257-00 1-101-361-00	ELECT CERAMIC	4.7MF 150PF	5%	16V 50V
C108	1-123-356-00	ELECT	10MF	20%	16v j		1-101-888-00	CERAMIC	68PF	5%	50V
C109	1-102-959-00	CERAMIC	22PF	5%	50V						F.O
C110	1-102-961-00	CERAMIC	27PF	5%	50V	C167 C169		CERAMIC MYLAR	0.047MF 0.1MF	10%	50V 100V
C111	1-101-888-00	CERAMIC	68PF	5%	50V			ELECT	1MF	20%	50V
					•						



Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
C172 C173 C175 C176 C177	1-101-888-00 1-106-359-00 1-101-361-00 1-102-951-00 1-102-963-00	CERAMIC MYLAR CERAMIC CERAMIC CERAMIC	68PF 0.0047MF 150PF 15PF 33PF	5% 10% 5% 5% 5%	50V 100V 50V 50V 50V	C238 C239 C244 C245 C246	1-123-332-00 1-101-004-00 1-101-004-00 1-101-004-00 1-101-004-00	ELECT CERAMIC CERAMIC CERAMIC CERAMIC	47MF 0.01MF 0.01MF 0.01MF 0.01MF	20%	16V 50V 50V 50V 50V
C178 C179 C180 C183 C184	1-123-356-00 1-101-004-00 1-124-555-00 1-123-379-00 1-123-379-00	ELECT CERAMIC ELECT ELECT ELECT	10MF 0.01MF 1000MF 0.47MF 0.47MF	20% 20% 20% 20%	25 V 50 V 16 V 50 V 50 V	C247 C248 C250 C252 C1001	1-101-006-00 1-101-006-00 1-123-330-00 1-102-824-00 1-102-935-00	CERAMIC CERAMIC ELECT CERAMIC CERAMIC	0.047MF 0.047MF 22MF 470PF 2PF	20% 5% 0.25PF	50V 50V 25V 50V 50V
C186 C188 C189 C190 C195	1-124-555-00 1-123-356-00 1-123-356-00 1-123-356-00 1-102-824-00	ELECT ELECT ELECT ELECT CERAMIC	1000MF 10MF 10MF 10MF 470PF	20% 20% 20% 20% 5%	16 V 25 V 25 V 25 V 50 V	C1003	1-102-935-00 1-102-935-00 DIO	_	2PF 2PF	0.25PF 0.25PF	
C200 C201 C202 C203 C204	1-124-463-00 1-124-463-00 1-124-463-00 1-121-257-00 1-123-381-00	ELECT ELECT ELECT ELECT ELECT	0.1MF 0.1MF 0.1MF 4.7MF 2.2MF	20% 20% 20% 20%	50V 50V 50V 16V 50V	D001 D002 D003 D004 D005	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	OIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119			
C205 C206 C207 C208 C209	1-101-888-00 1-102-892-00 1-102-679-00 1-101-880-00 1-102-971-00	CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC	68PF 22PF 120PF 47PF 82PF	5% 5% 5% 5% 5%	50V 50V 50V 50V 50V	D007 D101 D102 O103 D104	8-719-911-19 8-719-911-19 8-719-911-19 8-719-908-06 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 OIODE ERA81- DIODE 1SS119	005		
C210 C211 C212 C213 C214	1-102-978-00 1-106-367-00 1-123-356-00 1-101-004-00 1-130-483-00	CERAMIC MYLAR ELECT CERAMIC MYLAR	220PF 0.01MF 10MF 0.01MF 0.01MF	5% 10% 20%	50V 100V 25V 50V	D105 0106 D107 D108 D109	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 OIODE 1SS119 DIODE 1SS119 OIOOE 1SS119			
C215 C216 C217 C218 C219	1-102-892-00 1-102-824-00 1-123-356-00 1-101-004-00 1-123-332-00	CERAMIC CERAMIC ELECT CERAMIC ELECT	22PF 470PF 10MF 0.01MF 47MF	5% 5% 20%	50 V 50 V 25 V 50 V 25 V	0110 D111 D112 D113 D114	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	OIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119			
C220 C221 C222 C223 C224	1-124-556-11 1-106-220-00 1-123-321-00 1-123-332-00 1-123-369-00	ELECT MYLAR ELECT ELECT ELECT	2200MF 0.1MF 220MF 47MF 4.7MF	20% 10% 20% 20%	16V 100V 16V 16V 25V	0115 0116 0117 0118 0119	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119			
C225 C226 C227 C228 C229	1-123-380-00 1-102-121-00 1-130-491-00 1-123-332-00 1-123-380-00	ELECT CERAMIC MYLAR ELECT ELECT	1MF 0.0022MF 0.047MF 47MF 1MF	20% 10% 5% 20% 20%	50V 50V 50V 25V 50V	D120 D122 O123 D124 D125	8-719-911-19 8-719-911-19 8-719-911-19 8-719-100-38 8-719-911-19	DIODE 1SS119 OIODE 1SS119 DIODE 1SS119 DIODE RD6.2E DIODE 1SS119	-82		
C230 C231 C232 C233 C234	1-102-121-00 1-123-356-00 1-123-356-00 1-123-379-00 1-106-367-00	CERAMIC ELECT ELECT ELECT MYLAR	0.0022MF 10MF 10MF 0.47MF 0.01MF	10% 20% 20% 20% 10%	50V 16V 16V 50V 100V	DL102	1-415-280-00 1-415-188-00	AY LINE DELAY LINE (DELAY LINE	1H)		
C235 C236 C237	1-123-321-00 1-101-004-00 1-161-330-00	ELECT CERAMIC CERAMIC	220MF 0.01MF 0.01MF	20% 30%	16V 50V 25V	DL103 	1-415-122-31	DELAY LINE,			



Part No. Description Remark Ref.No. Part No. Description Remark Part No. Description Part No. Description Remark Part No. Description Part No		_									
1015 8-729-178-54 TRANSISTOR 25C2785	Ref.No.	Part No.	<u>Oescriptio</u>	<u>n</u>	Remark	Ref.No.	Part No.	Description			Remark
	F201 <u>/</u>	1-532-624-11	_	S 1U86 0.5A/125V	Sign of the second	0105 0106 0107	8-729-178-54 8-729-178-54 8-729-178-54	TRANSISTOR 25 TRANSISTOR 25 TRANSISTOR 25	SC2785 SC2785 SC2785		
COLD 8-759-101-71 CU PC1364C2 0118 8-729-178-54 TRANSISTOR 25C2785 COLD	IC101 IC102 IC103	8-752-006-10 8-752-006-10 8-759-113-65	IC CX20061 IC CX20061 IC UPC1365	С		0110 0111 0114	8-729-178-54 8-729-178-54 8-729-313-42	TRANSISTOR 2: TRANSISTOR 2: TRANSISTOR 2:	SC2785 SC2785 S01134	•	
TERMINAL BOARD	IC201 IC202	8-759-100-15 8-759-101-77	IC UPC13640 IC UPC1241	32		0118 0120 0121	8-729-178-54 8-729-178-54 8-729-117-54	TRANSISTOR 25 TRANSISTOR 25 TRANSISTOR 25	SC2785 SC2785 SA1175		
1-536-842-11 TERMINAL BOARO, INPUT/OUTPUT(A) 0124 8-729-115-10 TRANSISTOR 25(105A-10 1025 8-729-115-10 1026 8-729-115-10 1027 1		TER	MINAL BOARO] n1 23					
1012	J2			DARO, INPUT/OUTPUT(A)		Q124 Q125	8-729-115-10 8-729-178-54 8-729-115-10	TRANSISTOR 25 TRANSISTOR 25 TRANSISTOR 25	SK105A-10 SC2785 SK105A-10		
L102 1-408-412-00 INDUCTOR 18UH 0128 8-729-115-10 TRANSISTOR 2\$K105A-10 L103 1-408-414-00 INDUCTOR 27UH 0130 8-729-178-54 TRANSISTOR 2\$K2785 L104 1-408-414-00 INDUCTOR 27UH 0131 8-729-178-54 TRANSISTOR 2\$K2785 L105 1-408-409-00 INDUCTOR 27UH 0131 8-729-115-10 TRANSISTOR 2\$K205A-10 L106 1-408-409-00 INDUCTOR 22UH 0133 8-729-118-10 TRANSISTOR 2\$K105A-10 L107 1-408-413-00 INDUCTOR 22UH 0133 8-729-178-54 TRANSISTOR 2\$K2785 L108 1-408-414-00 INDUCTOR 22UH 0133 8-729-178-54 TRANSISTOR 2\$K2785 L108 1-408-416-00 INDUCTOR 18UH 0136 8-729-117-54 TRANSISTOR 2\$K105A-10 L111 1-408-405-00 INDUCTOR 18UH 0136 8-729-117-54 TRANSISTOR 2\$K1175 L112 1-408-602-01 INDUCTOR 8.2UH 0139 8-729-117-54 TRANSISTOR 2\$K1175 L113 1-408-202-00 INDUCTOR 8.2UH 0139 8-729-178-54 TRANSISTOR 2\$K1175 L114 1-408-419-00 INDUCTOR 8.2UH 0139 8-729-178-54 TRANSISTOR 2\$K1175 L202 1-408-163-00 INDUCTOR 33MMH 0141 8-729-175-4 TRANSISTOR 2\$K1175 L203 1-408-414-00 INDUCTOR 5.6MMH 0140 8-729-175-54 TRANSISTOR 2\$K1175 L203 1-408-414-00 INDUCTOR 5.6MMH 0142 8-729-175-54 TRANSISTOR 2\$K1175 L203 1-408-414-00 INDUCTOR 5.6MMH 0142 8-729-175-54 TRANSISTOR 2\$K1175 L203 1-408-163-00 INDUCTOR 5.6MMH 0148 8-729-175-54 TRANSISTOR 2\$K1175 L204 1-408-163-00 INDUCTOR 5.6MMH 0148 8-729-175-54 TRANSISTOR 2\$K1175 L205 1-408-163-00 INDUCTOR 5.6MMH 0148 8-729-175-54 TRANSISTOR 2\$K1175 L206 1-408-163-00 INDUCTOR 5.6MMH 0148 8-729-175-54 TRANSISTOR 2\$K2785 L207 1-408-163-00 INDUCTOR 5.6MMH 0149 8-729-175-54 TRANSISTOR 2\$K2785 L208 1-408-141-00 INDUCTOR 5.6MMH 0149 8-729-175-54 TRANSISTOR 2\$K2785 L209 1-408-163-00 INDUCTOR 5.6MMH 0149 8-729-175-54 TRANSISTOR 2\$K2785 L209 1-408-163-00 INDUCTOR 5.6MMH 0149 8-729-175-54 TRANSISTOR 2\$K2785 L200 1-408-163-00 INDUCTOR 5.6MMH 0149 8-729-178-54 TRANSISTOR 2\$K2785 L200 1-408-163-00 INDUCTOR 5.6MMH 0149 8-729-178-54 TRANSISTOR 2\$K2785 L200 1-408-163-00 INDUCTOR 5.6MMH 0149 8-729-178-54 TRANSISTOR 2\$K2785 L200 1-408-163-00 INDUCTOR 5.6MM	ı 1 01		_	18114		Q127 	8-729-115-10	TRANSISTOR 25	SK105A-10		
L106	L102 L103 L104	1-408-412-00 1-408-411-00 1-408-414-00	INOUCTOR INOUCTOR INDUCTOR	18UH 15UH 27UH		Q129 Q130 Q131	8-729-178-54 8-729-178-54 8-729-115-10	TRANSISTOR 25 TRANSISTOR 25 TRANSISTOR 25	SC2785 SC2785 SK105A-10		
L112 1-408-602-21 INDUCTOR 8.2UH L113 1-408-226-00 INDUCTOR 82UH L114 1-408-419-00 INDUCTOR 68UH L114 1-408-419-00 INDUCTOR 33MMH L115 1-408-247-00 INDUCTOR 33MMH L116 1-408-247-00 INDUCTOR 33MMH L117 1-408-163-00 INDUCTOR 33MMH L118 8-729-117-54 TRANSISTOR 2SA1175 L202 1-408-163-00 INDUCTOR 5.6MMH L118 8-729-117-54 TRANSISTOR 2SA1175 L203 1-408-414-00 INDUCTOR 27UH L203 1-408-414-00 INDUCTOR 27UH L204 8-729-178-54 TRANSISTOR 2SC2785 L205 1-408-117-54 TRANSISTOR 2SC2785 L206 8-729-178-54 TRANSISTOR 2SC2785 L207 1-408-414-00 INDUCTOR 27UH L208 1-408-414-00 INDUCTOR 27UH L209 1-408-117-54 TRANSISTOR 2SC2785 L209 1-408-117-54 TRANSISTOR 2SC2785 L200 1-408-117-54 TRANSISTOR 2SC2785 L201 1-408-117-54 TRANSISTOR 2SC2785 L202 1-408-117-54 TRANSISTOR 2SC2785 L203 1-408-117-54 TRANSISTOR 2SC2785 L203 1-408-117-54 TRANSISTOR 2SC2785 L204 8-729-178-54 TRANSISTOR 2SC2785 L205 1-408-117-54 TRANSISTOR 2SC2785 L206 1-408-117-54 TRANSISTOR 2SC2785 L207 1-408-117-54 TRANSISTOR 2SC2785 L208 8-729-178-54 TRANSISTOR 2SC2785 L209 1-408-117-54 TRANSISTOR 2SC2785 L209 1-247-118-54 TRANSISTOR 2SC2785 L209 1-249-178-54 TRANSISTO	L107 L108 L110	1-408-413-00 1-408-416-00 1-408-412-00	INDUCTOR INDUCTOR INDUCTOR	22UH 39UH 18UH .		0133 0135 0136 0137	8-729-178-54 8-729-117-54 8-729-117-54 8-729-117-54	TRANSISTOR 25 TRANSISTOR 25 TRANSISTOR 25 TRANSISTOR 25 TRANSISTOR 25	SC2785 SA1175 SA1175 SA1175		
Q144 8-729-178-54 TRANSISTOR 2SC2785 Q145 8-729-178-54 TRANSISTOR 2SC2785 Q146 8-729-178-54 TRANSISTOR 2SC2785 Q147 8-729-178-54 TRANSISTOR 2SC2785 Q148 8-729-178-54 TRANSISTOR 2SC2785 Q149 8-729-178-54 TRANSISTOR 2SC2785 Q149 8-729-178-54 TRANSISTOR 2SC2785 Q149 8-729-178-54 TRANSISTOR 2SC1785 Q150 8-729-117-54 TRANSISTOR 2SA1175 Q150 8-729-117-54 TRANSISTOR 2SA1175 Q150 8-729-178-54 TRANSISTOR 2SC2785 Q150 8-729-178-54 T	L113 L114 L201	1-408-226-00 1-408-419-00 1-408-247-00	INDUCTOR INOUCTOR INDUCTOR	82UH 68UH 33MMH		 0139 0140 0141 0142	8-729-178-54 8-729-117-54 8-729-117-54 8-729-117-54	TRANSISTOR 25 TRANSISTOR 25 TRANSISTOR 25 TRANSISTOR 25	SC2785 SA1175 SA1175 SA1175		
Q145 8-729-178-54 TRANSISTOR 2SC2785 Q148 8-729-178-54 TRANSISTOR 2SC2785 Q149 8-729-117-54 TRANSISTOR 2SC1785 Q149 8-729-117-54 TRANSISTOR 2SA1175 Q150 8-729-117-54 TRANSISTOR 2SA1175 Q150 8-729-117-54 TRANSISTOR 2SA1175 Q151 8-729-178-54 TRANSISTOR 2SA1175 Q151 8-729-178-54 TRANSISTOR 2SA1175 Q151 8-729-178-54 TRANSISTOR 2SC2785 Q152 8-729-178-54 TRANSISTOR 2SC2785 Q153 8-729-178-54 TRANSISTOR 2SC2785 Q153 8-729-178-54 TRANSISTOR 2SC2785 Q153 8-729-178-54 TRANSISTOR 2SC2785 Q153 8-729-178-54 TRANSISTOR 2SC2785 Q154 8-729-178-54 TRANSISTOR 2SC2785 Q154 8-729-178-54 TRANSISTOR 2SC2785 Q155 8-729-178-54 TRANSISTOR 2SC2785 Q156 R157 Q157 R157	L203	1-408-414-00	INOUCTOR	27UH		i .					
Q004 8-729-117-54 TRANSISTOR 2SA1175 Q151 8-729-178-54 TRANSISTOR 2SC2785 Q152 8-729-178-54 TRANSISTOR 2SC2785 Q153 8-729-178-54 TRANSISTOR 2SC2785 Q153 8-729-178-54 TRANSISTOR 2SC2785 Q153 8-729-178-54 TRANSISTOR 2SC2785 Q153 8-729-178-54 TRANSISTOR 2SC2785 Q154 8-729-178-54 TRANSISTOR 2SC2785 Q155 8-729-178-54 TRANSISTOR 2SC2785 Q155 R29-178-54 TRANSISTOR 2SC2785 Q159 8-729-178-54 TRANSISTOR 2SC2785 R002 1-247-713-11 CARBON	Q002	8-729-178-54 8-729-117-54	TRANSISTOR TRANSISTOR	2SA1175		0145 0148 0149	8-729-178-54 8-729-178-54 8-729-117-54	TRANSISTOR 25 TRANSISTOR 25 TRANSISTOR 25	SC2785 SC2785 SA1175		
Q007 8-729-117-54 TRANSISTOR 2SA1175 Q155 8-729-178-54 TRANSISTOR 2SC2785 Q008 8-729-117-54 TRANSISTOR 2SC2785 Q159 8-729-117-54 TRANSISTOR 2SC2785 Q159 8-729-178-54 TRANSISTOR 2SC2785 Q159 8-729-178-54 TRANSISTOR 2SC2785 Q118 8-729-178-54 TRANSISTOR 2SC2785 Q118 8-729-178-54 TRANSISTOR 2SC2785 Q118 8-729-178-54 TRANSISTOR 2SC2785 Q119 8-729-178-54 TRANSISTOR 2SC2785 Q119 8-729-178-54 TRANSISTOR 2SC2785 Q119 8-729-178-54 TRANSISTOR 2SC2785 Q119 R19	Q004 Q005	8-729-117-54 8-729-178-54	TRANSISTOR TRANSISTOR	2 SA1 1 7 5 2 SC 2 7 8 5		Q152 Q153	8-729-178-54 8-729-178-54	TRANSISTOR 25 TRANSISTOR 25	SC2785 SC2785		
Q011 8-729-178-54 TRANSISTOR 2SC2785 R002 1-247-713-11 CARBON 1K 5% 1/4W R0101 8-729-178-54 TRANSISTOR 2SC2785 R002 1-249-434-11 CARBON 27K 5% 1/4W R0102 8-729-178-54 TRANSISTOR 2SC2785 R003 1-249-434-11 CARBON 27K 5% 1/4W R0102 8-729-178-54 TRANSISTOR 2SC2785 R004 1-249-424-11 CARBON 3.9K 5% 1/4W R0103 8-729-178-54 TRANSISTOR 2SC2785 R005 1-249-421-11 CARBON 2.2K 5% 1/4W R0103 8-729-178-54 TRANSISTOR 2SC2785 R005 1-249-421-11 CARBON 2.2K 5% 1/4W R0103 8-729-178-54 TRANSISTOR 2SC2785 R005 1-249-421-11 CARBON 2.2K 5% 1/4W R0103 8-729-178-54 TRANSISTOR 2SC2785 R005 1-249-421-11 CARBON 2.2K 5% 1/4W R0103 8-729-178-54 TRANSISTOR 2SC2785 R005 1-249-421-11 CARBON 2.2K 5% 1/4W R0103 8-729-178-54 TRANSISTOR 2SC2785 R005 1-249-421-11 CARBON 2.2K 5% 1/4W R0103 8-729-178-54 TRANSISTOR 2SC2785 R005 1-249-421-11 CARBON 2.2K 5% 1/4W R0103 8-729-178-54 TRANSISTOR 2SC2785 R005 1-249-421-11 CARBON 2.2K 5% 1/4W R0103 8-729-178-54 TRANSISTOR 2SC2785 R005 1-249-421-11 CARBON 2.2K 5% 1/4W R0103 8-729-178-54 TRANSISTOR 2SC2785 R005 1-249-421-11 CARBON 2.2K 5% 1/4W R0103 8-729-178-54 TRANSISTOR 2SC2785 R005 1-249-421-11 CARBON 2.2K 5% 1/4W R0103 8-729-178-54 TRANSISTOR 2SC2785 R005 1-249-421-11 CARBON 2.2K 5% 1/4W R0103 8-729-178-54 TRANSISTOR 2SC2785 R0103 8-729	0007 0008 0009	8-729-117-54 8-729-178-54 8-729-117-54	TRANSISTOR TRANSISTOR TRANSISTOR	2 SA1175 2 SC2785 2 SA1175		i q155 I	8-729-178-54	TRANSISTOR 25	SC2785		
Q012 8-729-117-54 TRANSISTOR 2SA1175 R002 1-247-713-11 CARBON 1K 5% 1/4W Q101 8-729-178-54 TRANSISTOR 2SC2785 R003 1-249-434-11 CARBON 27K 5% 1/4W Q102 8-729-178-54 TRANSISTOR 2SC2785 R004 1-249-424-11 CARBON 3.9K 5% 1/4W Q103 8-729-178-54 TRANSISTOR 2SC2785 R005 1-249-421-11 CARBON 2.2K 5% 1/4W		_					RES	ISTOR			
	001 <i>2</i> 0101 0102	8-729-117-54 8-729-178-54 8-729-178-54	TRANSISTOR TRANSISTOR TRANSISTOR	2 SA1 1 75 2 SC 2 7 8 5 2 SC 2 7 8 5		R003 R004 R005	1-249-434-11 1-249-424-11 1-249-421-11	CARBON CARBON CARBON	27K 5% 3.9K 5% 2.2K 5%	1/4W 1/4W 1/4W	

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	<u>Oescription</u>				Remark
			0.014	F~	1 (4)1		 D105	1-249-415-11	CARBON	680	5%	1/4W	
R007	1-249-433-11	CARBON	22K	5%	1/4W 1/4W		R105 R106	1-249-423-11	CARBON	3.3K	5%	1/4W	
R009	1-215-440-00	CARBON	6.2K 6.2K	5% 5%	1/4W		R107	1-249-426-11	CARBON	5.6K	.5%	1/4W	
R010	1-215-440-00 1-215-440-00	CARBON CARBON	6.2K	5%	1/4W		R108	1-249-429-11	CARBON	10K	5%	1/4W	
	1-219-440-00	CARBON	47K	5%	1/4W		R109	1-249-413-11	CARBON	470	5%	1/4W	
R012	1-243-437-11	CARDON	771	0,0	-,		İ						
R013	1-249-440-11	CARBON	82K	5%	1/4W		R110	1-249-413-11	CARBON	470	5%	1/4W	
R014	1-247-885-00	CARBON	180K	5%	1/4W		R111	1-249-421-11	CARBON	2.2K	5%	1/4W	
R015	1-249-438-11	CARBON	56K	5%	1/4W		R112	1-249-415-11	CARBON	680	5%	1/4W	
R016	1-249-417-11	CARBON	1K	5%	1/4W		R113	1-249-410-11	CARBON	270	5%	1/4W	
R017	1-247-104-00	CARBON	75	5%	1/4W		R114	1-249-415-11	CARBON	680	5%	1/4W	
										1 50	F-1	1 (4)	
R019	1-247-104-00	CARBON	75	5%	1/4W		R115	1-249-419-11	CARBON	1.5K	5% 5%	1/4W	
R020	1-249-434-11	CARBON	27K	5%	1/4W		R116	1-249-403-11	CARBON	68	5% 5%	1/4W	
R021	1-249-424-11	CARBON	3.9K	5%	1/4W		R117	1-249-415-11	CARBON	680	5% 5%	1/4W 1/4W	
R022	1-249-433-11	CARBON	22K	5%	1/4W		R118	1-249-415-11	CARBON	680 100	5%	1/4W	
R023	1-249-439-11	CARBON	68K	5%	1/4W		R119	1-249-405-11	CARBON	100	J 76	1/ 7N	
2004	1 015 440 00	CARRON	c 2v	5%	1/4W		I R120	1-249-415-11	CARBON	680	5%	1/4W	
R024	1-215-440-00	CARBON	6.2K 47K	5%	1/4W 1/4W		R121	1-249-415-11	CARBON	680	5%	1/4W	
	1-249-437-11	CARBON CARBON	56K	5%	1/4W		R122	1-249-405-11	CARBON	100	5%	1/4W	
R026 R027	1-249-466-11 1-249-440-11	CARBON	82K	5%	1/4W		R123	1-249-417-11	CARBON	1ĸ	5%	1/4W	
R027	1-247-885-00	CARBON	180K	5%	1/4W		R124	1-249-413-11	CARBON	470	5%	1/4W	
KUZO	1-247-883-00	CARDON	1001	570	-,		j						
R029	1-249-429-11	CARBON	10K	5%	1/4W		R125	1-249-417-11	CARBON	1K	5%	1/4W	
R030	1-247-885-00	CARBON	180K	5%	1/4W		R126	1-249-405-11	CARBON	100	5%	1/4W	
R031	1-249-440-11	CARBON	82K	5%	1/4W		R127	1-249-415-11	CARBON	680	5%	1/4W	
R032	1-249-437-11	CARBON	47K	5%	1/4W		R128	1-247-814-00	CARBON	200	5%	1/4W	
R033	1-249-433-11	CARBON	22K	5%	1/4W		R129	1-249-419-11	CARBON	1.5K	5%	1/4W	
							!				Ew.	1 //	
R034	1-249-439-11	CARBON	68K	5%	1/4W		R130	1-249-415-11	CARBON	680	5% 5%	1/4W	
R035	1-249-417-11	CARBON	1K	5%	1/4W		R131	1-249-413-11	CARBON	470	5%	1/4W	
R036	1-247-104-00	CARBON	75	5%	1/4W		R132	1-249-420-11	CARBON	1.8K 47	5% 5%	1/4W 1/4W	
R037	1-249-434-11	CARBON	27K	5%	1/4W		R133	1-249-401-11	CARBON	240	5%	1/4W	
R038	1-249-424-11	CARBON	3.9K	5%	1/4W		R135	1-215-406-00	CARBON	240	3/6	1/78	
2020	1 015 440 00	CADDON	6.2K	5%	1/4W		R136	1-249-421-11	CARBON	2.2K	5%	1/4W	
R039	1-215-440-00 1-249-439-11	CARBON CARBON	68K	5%	1/4W		R137	1-249-432-11	CARBON	18K	5%	1/4W	ŗ
R040 R041	1-247-104-00	CARBON	75	5%	1/4W		R138	1-249-423-11	CARBON	3.3K	5%	1/4W	
R041	1-249-434-11	CARBON	27K	5%	1/4W		R140	1-249-433-11	CARBON	22K	5%	1/4W	
R042	1-215-468-00	CARBON	91K	5%	1/4W		R141	1-249-433-11	CARBON	22K	5%	1/4W	
NO45	1-215-400-00	ONINDON	J = 1.	-	-,		i						
R045	1-249-429-11	CARBON	10K	5%	1/4W		R143	1-249-405-11	CARBON	100	5%	1/4W	
R046	1-249-428-11	CARBON	8.2K	5%	1/4W		R146	1-249-403-11	CARBON	6.8	5%	1/4W	
R049	1-249-438-11	CARBON	56K	5%	1/4W		R147	1-249-419-11	CARBON	1.5K	5%	1/4W	
R051	1-249-421-11	CARBON	2.2K	5%	1/4W		R148	1-249-419-11	CARBON	1.5K	5%	1/4W	
. R052 <u>∧</u> .	1-247-807-31	CARBON	100	, 5%	⊕1/4W s		R149	1-249-433-11	CARBON	22K	5%	1/4W	
			471/	F 0/	1 /411		I D150	1 240 416 11	CARBON	820	5%	1/4W	
R053	1-249-437-11	CARBON	47K	5% 5%	1/4W 1/4W		R150 R151	1-249-416-11	CARBON	470	5%	1/4W	
. R054	1-249-437-11	CARBON	47K 82K	5%	1/4W		R152	1-249-416-11	CARBON	820	5%	1/4W	
R055	1-249-440-11 1-247-150-00	CARBON CARBON	6.2K	5%	1/4W		R153	1-249-423-11	CARBON	3.3K	5%	1/4W	
R056	1-247-744-11		270	5%	1/2W		R154	1-249-433-11	CARBON	22K	5%	1/4W	
R061	1-64/-/44-11	CARBON	2,0	J/v	-/ -!!		i	_ 2.2 .22 -2					
R062	1-247-714-11	CARBON	1.2K	5%	1/4W		R155	1-249-429-11	CARBON	10K	5%	1/4W	
R063	1-249-397-11	CARBON	22	5%	1/4W		R156	1-249-435-11	CARBON	33K	5%	1/4W	
R066	1-249-429-11	CARBON	10K	5%	1/4W		R157	1-249-435-11	CARBON	33K	5%	1/4W	
R100	1-249-428-11	CARBON	8.2K		1/4W		R158	1-249-439-11	CARBON	68K	5% 5~	1/4W	
R101	1-249-436-11	CARBON	39K	5%	1/4W		R159	1-249-415-11	CARBON	680	5%	1/4W	
				4,6			1 21 22	1 040 400 11	CADDON	2014	E&	1 / 41.7	
	.1-247-815-31				.≨£1/4₩.5			1-249-436-11	CARBON	39K 10K	5% 5%	1/4W 1/4W	
R103	1-249-418-11	CARBON	1.2K		1/4W		R161	1-249-429-11 1-249-437-11	CARBON CARBON	47K	5%	1/4W	
R104	1-249-411-11	CARBON	330	5%	1/4W		R162	1-643-43/-11	PUDDIA	7/1	J /0	A, 78	

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



	_												
Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R165 R167 R168 R170 R171	1-215-493-00 1-249-419-11 1-249-435-11 1-249-431-11 1-249-441-11	CARBON CARBON CARBON CARBON CARBON	1M 1.5K 33K 15K 100K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R223 R224 R225 R226 R228	1-249-426-11 1-247-891-00 1-249-441-11 1-215-468-00 1-249-419-11	CARBON CARBON CARBON CARBON CARBON	5.6K 330K 100K 91K 1.5K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R173 R176 R177 R178 R179	1-249-425-11 1-247-887-00 1-249-441-11 1-247-883-00 1-249-439-11	CARBON CARBON CARBON CARBON CARBON	4.7K 220K 100K 150K 68K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R230 R231 R232 R233 R234	1-249-425-11 1-249-438-11 1-249-412-11 1-249-409-11 1-249-409-11	CARBON CARBON CARBON CARBON CARBON	4.7K 56K 390 220 220	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R180 R181 R182 R183 R184	1-249-417-11 1-249-429-11 1-249-437-11 1-249-423-11 1-249-418-11	CARBON CARBON CARBON CARBON CARBON	1K 10K 47K 3.3K 1.2K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R235 R236 R237 R238 R239	1-249-413-11 1-249-405-11 1-249-409-11 1-249-435-11 1-249-440-11	CARBON CARBON CARBON CARBON CARBON	470 100 220 33K 82K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R185 R186 R187 R188 R189	1-249-440-11 1-249-413-11 1-249-434-11 1-249-435-11 1-249-439-11	CARBON CARBON CARBON CARBON CARBON	82K 470 27K 33K 68K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R240 R241 R242 R243 R244	1-249-422-11 1-249-433-11 1-215-444-00 1-249-430-11 1-249-423-11	CARBON CARBON CARBON CARBON CARBON	2.7K 22K 9.1K 12K 3.3K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R190 R191 R192 R193 R194	1-249-435-11 1-249-437-11 1-249-421-11 1-249-424-11 1-249-431-11	CARBON CARBON CARBON CARBON CARBON	33K 47K 2.2K 3.9K 15K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R245 R246 R247 R248 R249	1-249-426-11 1-249-429-11 1-249-431-11 1-249-421-11 1-249-437-11	CARBON CARBON CARBON CARBON CARBON	5.6K 10K 15K 2.2K 47K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R195 R196 R197 R198 R199	1-249-421-11 1-249-434-11 1-249-415-11 1-249-415-11 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	2.2K 27K 680 680 1K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R250 R251 R252 R253 R254	1-247-885-00 1-249-426-11 1-249-428-11 1-249-423-11 1-249-429-11	CARBON CARBON CARBON CARBON	180K 5.6K 8.2K 3.3K 10K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R200 R201 R202 R203 R204	1-249-433-11 1-215-493-00 1-215-493-00 1-249-429-11 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	22K 1M 1M 10K 10K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R255 R256 R258 R259 R260	1-249-417-11 1-249-428-11 1-249-421-11 1-249-428-11 1-249-439-11	CARBON CARBON CARBON CARBON CARBON	1K 8.2K 2.2K 8.2K 68K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R205 R206 R207 R208 R209	1-249-429-11 1-249-439-11 1-249-409-11 1-249-429-11 1-249-435-11	CARBON CARBON CARBON CARBON CARBON	10K 68K 220 10K 33K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R261 R262 R263 R264 R265	1-249-429-11 1-249-441-11 1-249-429-11 1-249-439-11 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	10K 100K 10K 68K 10K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R210 R211 R212 R213 R214	1-249-409-11 1-249-409-11 1-249-424-11 1-249-409-11 1-249-409-11	CARBON CARBON CARBON CARBON CARBON	220 220 3.9K 220 220	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R266 R267 R268 R269 R270	1-249-429-11 1-249-439-11 1-249-439-11 1-249-429-11 1-249-415-11	CARBON CARBON CARBON CARBON CARBON	10K 68K 68K 10K 680	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R215 R216 R217 R218 R219	1-249-425-11 1-249-441-11 1-249-441-11 1-249-429-11 1-249-426-11	CAR8ON CARBON CARBON CARBON CARBON	4.7K 100K 100K 10K 5.6K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R271 R272 R273 R274 R275	1-249-469-11 1-246-517-25 1-202-463-00 1-249-465-11 1-249-429-11	CARBON CARBON SOL ID CARBON CARBON	100K 68K 2.2M 47K 10K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R220 R221 R222	1-249-435-11 1-215-458-00 1-249-439-11	CARBON CARBON CARBON	33K 36K 68K	5% 5% 5%	1/4W 1/4W 1/4W		R276 R277 R278	1-249-431-11 1-249-416-11 1-249-421-11	CARBON	15K 820 2.2K	5% 5% 5%	1/4W 1/4W 1/4W	



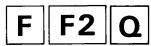
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Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Oescription			Remark
					1 / 4 1 /		1 01105	1 206 050 00	DCC ADI CA	DON 33K		
R279	1-246-509-25		33K	5% 5~	1/4W			1-226-852-00 1-226-849-00	RES, ADJ, CAR RES, ADJ, CAR			
R280	1-249-437-11	CARBON	47K	5%	1/4W			1-228-724-00	RES, ADJ, CAF			
R281	1-249-431-11	CARBON	15K	5%	1/4W 1/8W	r		1-226-850-00	RES, ADJ, CAR			
R282	1-249-421-11		2.2K			г		1-226-850-00	RES, ADJ, CAR			
R283	1-249-425-11	CARBON	4.7K	5%	1/4W		1 KAIOA	1-220-030-00	RES, ADO, CAI	KDUN 4./K		
			0.04	۲~	1 / 411		 DV110	1-226-846-00	DEC ADI CAG	DON 470		
R284	1-249-428-11		8.2K		1/4W							
R 285	1-249-423-11	CARBON	.3.3K		1/4W		KATIT	1-226-853-00	RES, ADD, CAR	CDUN 4/K		
R286	1-249-423-11	CARBON	3.3K		1/4W		!	CLIT	TCU			
R287	1-215-493-00		1M	5 %	1/4W		!	<u>2M 1</u>	<u>TCH</u>			
R288	1-249-441-11	CARBON	100K	5%	1/4W		!	1 552 705 00	CHITCH CLIO	-		
			10		1 /411		S1		SWITCH, SLIGH			
R290	1-249-429-11	CARBON	10K	5%	1/4W		S2		SWITCH, SLIDE			
R291	1-249-429-11	CARBON	10K	5%	1/4W		Į S3	1-553-725-00	SWITCH, SLIDE	-		
R292	1-249-447-11		1	5%	1/4W		!	TOA	NCCOOMED			
R293	1-249-422-11		2.7K	5%	1/4W		!	IKA	NSFORMER			
R294	1-249-405-11	CARBON	100	5%	1/4W		-101	1 400 512 00	COTI /VADIADI	C \		
							T101		COIL (VARIABL			
R2 9 5	1-249-429-11	CARBON	10K	5%	1/4W		T102		COIL 3.58MHZ			
R2 96	1-249-469-11	CARBON	100K		1/4W		T103		COIL 3.58MHZ			
R297	1-249-437-11	CARBON	47K	5%	1/4W		T104		TRANSFOMER, [JELAY ADJUSI		
R298	1-249-437-11	CARBON	47K	5%	1/4W		J T201	1-404-146-00	TRANSFORMER			
R299	1-249-413-11	CARBON	470	5%	1/4W			1 400 500 00	2071 1407.801	,-		
District Street	es de la marca de la composición de la La composición de la	yer i jaryengen, jiganyayiyi nesisi	margare,	e 1	No.	ADVING MENTA	T202		COIL, VARIABL			
R301 A	1-247-658-11	CARBON			1/4W-	F. 数数元	T203		COIL, VARIABI			
R302	1-249-437-11	CARBON	47K	5%	1/4W		T204	1-408-513-00	COIL (VARIA8	.E)		
R303	1-249-415-11	CAR8ON	680	5%	1/4W		!	T.,,,				
R304	1-249-415-11	CARBON	680	5%	1/4W		!	THE	RMISTOR			
R305	1-249-415-11	CAR8ON	680	5%	1/4W			1 000 070 44	T	. 4700		
							TH101	1-800-070-XX		4-4/00		
R 306	1-247-883-00	CAR8ON	150K	5%	1/4W		TH201	1-800-626-00	THERMISTOR			
R307	1-249-411-11	CAR8ON	330	5%	1/4W		ļ.	2011				
R 308	1-249-434-11	CAR8ON	27K	5%	1/4W		!	CRY	STAL			
R309	1-249-409-11	CAR8ON	220	5%	1/4W		!			NOVETAL		
R310	1-249-423-11	CAR8ON	3.3K	5%	1/4W		X101		OSCILLATOR, (
							X102	1-56/-504-11	OSCILLATOR,	CKIZIAL		
R311	1-215-462-00	CARBON	51K	5%	1/4W			*****	و خاد		*****	*****
R312	1-249-421-11	CAR8ON	2.2K	5%	1/4W		*****	*******				
R313	1-249-425-11	CAR8ON			1/4W		!	## 104E 000 A	E COADO COM	OL CTC		
R314	1-249-435-11	CAR8ON	33K	5%	1/4W		!	*A-1245-230-A	********			
R315	1-249-419-11	CAR8ON	1.5K	5%	1/4W		ļ		*****	****		
					1 / 4 > >		!	CAD	ACTTOD			
R316	1-249-419-11	CARBON	1.5K		1/4W			CAP	ACITOR			
R317	1-247-711-11	CAR8ON	680	5%	1/4W		0001 A	1-100-746-60	AVI AD TO COM THE	O SOUT	20%	125 V
R318	1-249-408-11	CAR8ON	180	5%	1/4W			1-108-745-52		0.22MF		
R319	1-249-413-11	CARBON	470	5%	1/4W			.1-108-745-52		0.22MF 0.0047MF	20% 20%	125 V - 400 V
R 3 22	1-249-427-11	CAR8ON	6.8K	5%	1/4W		1 0603 7	1-161-953-51	CERAMIC	0.004711	20%	400V Pall
		******	c00	c«	1 /411		1 C605	1-161-953-51 1-161-953-51	CEDAMIC	0.0047FF	20%	400V
R324	1-247-711-11	CAR80N	680	5%	1/4W		I Cons V	71-101-309-01	CERAITIC T	U. 004719F	206	5 300 kg > 7500
R325	1-249-429-11	CARBON	10K	5%	1/4W		I coc A	.1-161-953-51	CEDANTO NOTES	0.004745	300 G	- Anovers
R326	1-249-424-11	CARBON	3.9K		1/4W		L COUD A	7-1-161-903-01	CERAMIC	0.004795	20%	400V
R328	1-249-420-11	CARBON	1.8K	5%	1/4W			1-161-953-51				
R 3 29	1-249-424-11	CARBON	3.9K	5%	1/4W		C608	1-161-953-00		0.0047MF 0.0047MF	20%	400V 400V
			5.614	-~	7 (4)1		C609	1-161-953-00 1-161-953-51	CERAMIC CONT	0.0047MF	20% ⊇nv:√	400v 455
R332	1-249-438-11		56K	5% 5~	1/4W		Proto V	7-T-10T-A33-31	SCERAPITE STATE	O. OUH ZIME	COW.	
R348	1-249-430-11	CARBON	12K	5%	1/4W		C611	1 105 060 00	ELECT/ OLOCA)	470ME		200V
R349	1-249-429-11	CARBON	10K	5 %	1/4W		C611	1-125-260-00	ELECT(8LOCK)		20%	25V
							C612	1-123-335-00	ELECT	330MF	3%	2KV
	<u>var</u>	IABLE RESISTOR					C613	1-136-071-00		0.0057MF 1000MF	20%	25V
			DOM 25				C614	1-123-337-00	ELECT	1000MF	20%	16V
	1-226-845-00	RES, ADJ, CAR					C615	1-123-333-00	ELECT	TOURF	C U/0	101
	1-226-849-00	RES, ADJ, CAR					1 0616	1-123-381-00	ELECT	2.2MF	20%	50V
RV104	1-226-852-00	RES, ADJ, CAR	RON 55	i.K.			C616	1-173-301-00	LLLUI	C * C I.II	200	501

Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



Ref.No	. Part No.	Description			Remark	Ref.No	. Part No.	Oescription			Remark	
C617	1-102-125-00		0.0047MF	10%	50 v	CONNECTOR						
C619 C621	1-106-351-00 1-123-356-00 1-102-121-00 1-101-004-00	ELECT CERAMIC	0.0022MF 10MF 0.0022MF 0.01MF	10% 20% 10%	100V 16V 50V 50V	 F1	*1-506-348-XX					
C622 C623						F3 F4 F6	1-508-765-00 *1-560-290-00 1-508-766-00	PLUG, CONNEC	TOR (2.5MM PI	ТСН)		
C624 C625	1-123-381-00 1-123-380-00		2.2MF 1MF	20% 20%	50 v 50 v	F7	*1-560-124-00		TOR (2.5MM PI	TCH)		
C626 C627	1-102-095-00 1-123-024-00	CERAMIC ELECT	330PF 33MF	10%	1KV 160V	F8 	*1-560-123-00	PLUG, CONNEC	TOR (2.5MM) 3	Р		
C628	1-123-024-00		33MF	204	160 y	<u>FUSE</u> F601 1.1-532-656-11 FUSE, GLASS TUBE 6.3A/125 V						
C629 C630 C631	1-123-360-00 1-123-998-00 1-123-998-00	ELECT	100MF 470MF 470MF	20% 20% 20%	50 V 25 V 25 V	 	1-533-087-00			VEE BE		
C632 C635	1-126-103-11 1-102-123-00	ELECT	470MF 0.0033MF	20% 10%	16V · 50V	<u> </u>	<u>IC</u>					
	\.1-161-953-51	CERAMIC			.:400 V		8-759-100-75					
C643 C644	1-123-333-00 1-123-334-00	ELECT	100MF 220MF	20% 20%	16V 25V	 	<u>C01</u>					
C645 C646	1-123-334-00 1-123-359-00		220MF 47MF	20% 20%	25 V 50 V	L601 L602 L603	1-408-225-00 1-407-365-00 1-407-687-00	COIL, CHOKE (3.3UH (HIGH FREQUEN 3.3UH	CY)		
	1-123-024-00 1-161-742-12		33MF 0.0022MF	20%	160V	L609	1-459-155-00 1-459-155-00	COIL (WITH CO	RE) 45UH			
C649 A	1-161-742-12 1-108-745-52	CERAMIC MYLAR	0.0022MF 0.22MF	20%	40 0v	L612	1-459-155-00					
	1-123-027-00		2.2MF		250¥	L613 L615	1-407-687-00 1-407-364-00	INDUCTOR COIL, SPOOK (3.3UH CH O KE 3.3UH			
C656 C657 C658	1-101-004-00 1-101-004-00 1-106-383-00	CERAMIC	0.01MF 0.01MF 0.047MF	10%	50V 50V 200V 50V 50V	TRANSISTOR						
C 659 C 660	1-102-820-00	CERAMIC CERAMIC	330PF 0.01MF	5%		Q601 Q602 Z	8-729-168-82 3-729-313-81	TRANSISTOR 25	C2688 D1138-B	1.70	i dien	
C 665	1-123-356-00	ELECT	10MF	20%	25 V	0603	*4-347-706-00 \.8-729-374-01	HEAT SINK (TE	(); Q602 B740-2 0 S	VA-18-18-	E ALTO	
	<u>D10</u>	<u>DE</u>				¥ Q604 ∆	4 363 414 00			V-552		
D601 8-719-503-06 DIODE S3W860Z D602 A 8-719-100-77 DIODE RD18E-B2							4-363-414-00 SPACER, MICA; Q605 Q605 A.8-729-802-07- TRANSISTOR 2SD1403-CA17-1					
D603 □D604 A	8-719-911-55 8-719-901-58	DIODE UOSG DIODE RGP15J			Q606 & 8-729-177-43: TRANSISTOR 2S0774-4 11-11-11-11-11-11-11-11-11-11-11-11-11-							
0605 /	<u>k 8-</u> 719 <u>-901-58</u>	DIOOE RGP15J				RESISTOR						
D607	8-719-300-76 8-719-102-74	DIODE RHIA			Pile Shi	R602 Z	1-202-730-11 1-244-919-51	SOLID	8.2M 10% 82K 5%	1/2W 1/2W 1/2W		
D609 D610	8-719-901-83	DIODE 15583 DIODE RD22E-				R604 R605	1-206-671-00 1-249-425-11	METAL OXIDE			F	
	8-719-901-83		20.1			R606 /	1-217-266-11	WIREWOUND	∦27°#3°-10%-#*	3W # 5	Fire Public	
D612 D613 D614	8-719-900-26 8-719-918-77 8-719-918-77	DIODE V19G DIODE V19G	181			R608 R609	1-247-805-31 1-217-189-21 1-207-692-00	WIREWOUND	82 5% 0.12 10% 680 10%	2W	F F	
D615	8-719-981-00	DIODE ERC81-0				R610	1-207-692-00	WIREWOUND	680 10%		F	
D616 D618		DIODE ERC81-0 DIODE 1SS119	004		j	R611 R612	1-213-145-00 1-215-460-00	CARBON	1.5K 5% 43K 5%	1W 1/4W	F	
						R613 R614 R615	1-249-411-11 1-215-437-00 1-215-437-00	METAL	330 5% 4.7K 1% 4.7K 1%	1/4W 1/6W 1/6W	•	
							10, 00			٠, ٥.,		

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



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Ref.No. Part	No.	Description				Remark	Ref.No.	Part No.	<u>Oescription</u>			Remark
R618 1-24	9-423-11 7-881-00	CARBON	3.3K 120K	5%	1/4W 1/4W		 D617	<u>DIO</u> 8-729-101-31		11371		
R620 1-249	7-895-00 9-434-11 9-429-11	CARBON	470K 27K 10K	5% 5% 5%	1/4W 1/4W 1/4W		D620	8-719-102-90	DIODE RD10E-			
R622 1-21	5-441-00	METAL	6.8K	1%	1/6W		i	IKA	NSISTOR			
R624 1-219 R625 1-249	5-456-00 9-429-11	METAL CARBON	30K 10K	1% 5%	1/6W 1/4W		Q609	8-729-178-54		SC2785		
	9-405 - 11 9-437 -1 1		100 47K	5% 5%	1/4W 1/4W		1	KES	ISTOR			
R629 1-249 R630 1-249	9-417-11 9-416-11 9-409-11 3-163-00	CARBON	1K 820 220 47K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1W	F	R655 R656 R657 R658	1-244-919-51 1-249-433-11 1-249-405-11 1-247-883-00	CARBON CARBON	82K 5% 22K 5% 100 5% 150K 5%	1/2W 1/4W 1/4W 1/4W	
R632 A.1-24	7-033-11	CARBON	100		1/8W-		j******	*****	*****	******	*****	******
■R640 Å. R643 Å. 1-21	2-352-61	METAL OXIDE	0.22	5%	1/6W - 1W	F		*A-1275-055-A	Q BOARD, COM			
R645 1-21	7-418-21 6-345-11 6-345-11		0.47 0.47 0.47	5%	1/2W 1W 1W	F F	 	1-536-843-11 4-603-275-00		.RD, INPUT/C	OUTPUT(B)	
	2-352-00		0.22		1W	F	į	CAP	ACITOR			
	2-841-00 2-433-35	SOL ID	180K 120K		1/2W 1/4W		C402	1-123-356-00	ELECT	10MF	20%	25V
R650 1-249	9-417 - 11 9-433 - 11	CARBON	1K 22K	5% 5%	1/4W 1/4W		C403 C405 C407	1-102-949-00 1-123-380-00 1-123-356-00	ELECT	12PF 1MF 10MF	5% 20% 20%	50V 50V 25V
R659 <u>A</u> .1-21 R660 1-24		WIREWOUND	1 31 22	5%	3₩. 1/4W	F. W. M. F	C408	1-102-949-00	CERAMIC	12PF	5%	50V
	9-466-11 9-397-11		56K 22	5% 5%	1/4W 1/8W	F	C410 C412 C413	1-123-380-00 1-123-356-00 1-102-949-00	ELECT	1MF 10MF 12PF	20% 20% 5%	50V 25 V 50V
	VAR	IABLE RESISTOR					C415	1-123-380-00 1-123-332-00	ELECT	1MF	20%	50V
RV601 1-224	RV601 1-224-249-XX RES, ADJ, METAL GLAZE 1K								ELECT	47MF	20%	25 V
		NSFORMER					C419 C420	1-106-383-00 1-123-380-00	ELECT	0.047MF 1MF	10% 20%	100V 50V
T601 A 1-42	1-556-21	TRANSFORMER,	LINE F	IL TER	(LET)	1 5000	C422 C423 C424	1-106-383-00 1-123-380-00 1-126-103-11	ELECT	0.047MF 1MF 470MF	10% 20% 20%	100V 50V 16V
T603 A.1-42	1-692-11	SRT	901257	HAPE :			C426	1-123-234-00		10MF	20%	50 V
1604 A.1-42		TRANSFORMER,	PULS		wikuit Li		C428	1-123-234-00	ELECT	10MF	20% 20%	50V 50V
THERMISTOR							C430 C432	1-123-234-00 1-123-332-00	ELECT	10MF 47MF	20%	25 V
		THERMISTOR (P				8.A.P.	C433	1-123-356-00	ELECT	10MF	20%	25 V
•		*****			****	*****	C434	1-102-820-00 1-123-332-00		330PF 47MF	5% 20%	50V 25V
			•				C436	1-101-006-00 1-123-234-00	CERAMIC ELECT	0.047MF 10MF	20%	50V 50V
*1-61.	3-84/-11	F2^BOARD ******					C437	1-123-369-00	ELECT	4.7MF	20%	25 V
*1-564-315-00 PIN ASSY, BOARD TO BOARO 7P								1-101-006-00 1-106-383-00	CERAMIC MYLAR	0.047MF 0.047MF	10%	50V 100V
CAPACITOR							C443 C444 C446	1-106-367-00 1-123-379-00	MYLAR ELECT	0.01MF 0.47MF	10% 20%	100V 50V
C 655 1-12	3-381-00	ELECT	2.2MF		20%	50 v	C447		ELECT	0.47MF	20%	50 v
							C448	1-123-379-00	ELECT	0.47MF	20%	50 v

 The components identified by in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used. The components identified by shading and mark A are critical for safety.
Replace only with part number specified.

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



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Ref.No	. Part No.	Description			Remark	Ref.No.	Part No.	Description		Remark
C452 C453 C455 C457 C459	1-123-382-00 1-123-228-00 1-101-006-00 1-102-820-00 1-102-820-00	ELECT CERAMIC CERAMIC	3.3MF 1MF 0.047MF 330PF 330PF	20% 20% 5% 5%	50V 50V 50V 50V 50V	D426 D427 D428 D435 D436	8-719-109-93		5-B2	
C461 C463 C464 C466 C467	1-102-820-00 1-123-356-00 1-123-332-00 1-123-332-00 1-101-006-00	ELECT ELECT ELECT	330PF 10MF 47MF 47MF 0.047MF	5% 20% 20% 20%	50V 25V 25V 25V 50V	D437		<u>E</u>	UBE ≠0.5A/125Y	
C468 C469 C489 C490 C491	1-101-006-00 1-106-367-00 1-123-332-00 1-123-332-00 1-123-332-00	MYLAR ELECT ELECT	0.047MF 0.01MF 47MF 47MF 47MF	10% 20% 20% 20%	50V 100V 25V 25V 25V	[F403 <u>∧</u>	1-532-536-11 1-533-087-00 1-532-580-11	FUSE, GLASS-T HOLDER, FUSE; FUSE, GLASS T	UBE-14/125V F402 UBE-0.5A/125V	
C492 C493 C494 C495 C497	1-123-332-00 1-101-361-00 1-106-367-00 1-101-006-00 1-123-356-00	CERAMIC MYLAR CERAMIC	47MF 150PF 0.01MF 0.047MF 10MF	20% 5% 10% 20%	25 V 50 V 100 V 50 V 25 V	 IC401	1-533-087-00 <u>IC</u> 8-752-201-90 8-759-900-09	IC CX22019	F404	
	CON	NECTOR				IC403	8-759-901-36	IC SN74LS136N	ĺ	
Q1 Q2 Q3 Q4	*1-562-243-00 *1-560-124-00 *1-560-124-00 *1-560-224-00 *1-560-125-00	CONNECTOR 25 PLUG, CONNEC PLUG, CONNEC	TOR (2.5MM) TOR (2.5MM) TOR (2.5MM)	4P 10P		I IC405 I IC406 I IC407 I IC408 I IC409	8-759-900-08 8-759-900-08 8-759-900-04 8-759-900-00 8-759-900-20 8-759-901-38	IC SN74LS08N IC SN74LS04N IC SN74LS00N IC SN74LS20N IC SN74LS138N		
Q5 07	*1-560-126-00 *1-560-128-00		TOR (2.5MM)	6P		REG401A	.8-7 59-1 71-05	IC UPC7805H	idenia lipadiventi	
٧,	010		101((2:51:11 1	110117	REG402A	.8-759-171-12	IC UPC7812H			
						į	<u>C01</u>	<u>L</u>		
D401 D402 D403 D404 D405	8-719-911-19 8-719-911-19 8-719-911-19 8-719-100-38 8-719-100-38	DIODE 1SS119 DIODE 1SS119	-B2			 L401 L402 L403 L407	1-408-602-21 1-408-602-21 1-408-602-21 1-408-163-00	INDUCTOR INDUCTOR	8.2UH 8.2UH 8.2UH 5.6MMH	
D406	8-719-100-38					İ	TRA	NSISTOR		
0407 D408 D409 D410	8-719-100-38 8-719-911-19 8-719-911-19 8-719-911-19	OIOOE 1SS119 DIODE 1SS119 DIODE 1SS119				Q403 Q404 ∆ \	8-729-101-37 8-729-117-54	TRANSISTOR 2S	C2785TP=F A1175 C2785TP=F	
D412 D414 D415 D416	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE-1SS119				 {0406*/ h 0407 0408 0409	8-729-101-37 8-729-117-54 8-729-117-54 8-729-178-54	TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S	C2785TP-F- A1175 A1175 C2785	有其實際的有可其與
D418 D419 D420 D422 D423	8-719-100-38 8-719-100-38 8-719-911-19 8-719-100-38 8-719-100-23	DIODE RD6.2E- DIODE 1SS119 DIODE RD6.2E-	-B2 -B2			Q410 Q411 Q412 Q413 Q414		TRANSISTOR 2S/ TRANSISTOR 2S/ TRANSISTOR 2S/ TRANSISTOR 2S/ TRANSISTOR 2S/	C2785 C2785 C2785	4
D424 D425	8-719-911-19 8-719-100-38		-B2			i 0415	8-729-178-54	TRANSISTOR 2S		

Les composants identifiés par une trame et une marque∱sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



Ref.No.	Part No.	Oescription	<u>n</u>		Remark	Ref.No.	Part No.	Descriptio	<u>n</u>			Remark
0416	8-729-178-54	TRANSISTOR	2SC2785			R371	1-249-423-11	CARBON	3.3K	5%	1/4W	
Q417	8-729-178-54	TRANSISTOR				R372	1-247-719-11	CAR80N	3.3K		1/4W	
Q418	8-729-117-54	TRANSISTOR	2SA1175			I R373	1-246-537-00	CARBON		5%	1/4W	
Q419	8-729-178-54	TRANSISTOR				R374	1-249-437-11	CAR8ON	47K	5%	1/4W	
Q420	8-729-178-54	TRANSISTOR	2SC2785			R377	1-249-424-11	CAR8ON	3.9K	5%	1/4W	
0401 4	8-729-101-37	TRANSTETOR	200270ET	6 C 3 C 3		R378	1-249-429-11	CAR8ON	10K	5%	1/4W	
0421 7	8-729-178-54	TRANSISTOR	2502785		Para 2 SWPER	R379	1-247-711-11	CARSON	680	5%	1/4W	
Q422 Q423	8-729-178-54	TRANSISTOR				R401	1-247-104-00	CAR8ON	75	5%	1/4W	
Q424	8-729-117-54	TRANSISTOR				R402	1-247-713-11	CARBON	1K	5%	1/4W	
Q425	8-729-178-54	TRANSISTOR				R403	1-215-468-00	CAR80N	91K	5%	1/4W	
·						!			1 04			
Q426	8-729-178-54	TRANSISTOR				R404	1-249-418-11		1.2K	5%	1/4W	
Q429	8-729-178-54	TRANSISTOR	2SC2/85			R405	1-249-434-11		27K 8.2K	5% 5%	1/4W 1/4W	
Q430	8-729-117-54	TRANSISTOR				R406 R407	1-249-428-11 1-249-416-11	CAR8ON CAR8ON	820	5%	1/4W	
Q431	8-729-178-54 8-729-117-54	TRANSISTOR				R408	1-247-104-00	CARSON CARSON	75	5%	1/4W	
Q433	0-/29-11/-34	TRANSISTOR	2 SMII/J			1 1,400	1-24/-104-00	CAROUN	, ,	5,0	-,	
Q434	8-729-117-54	TRANSISTOR	2SA1175			R409	1-247-713-11	CARBON	1K	5%	1/4W	
Q435	8-729-117-54	TRANSISTOR				R410	1-215-468-00	CARBON	91K	5%	1/4W	
Q442	8-729-178-54	TRANSISTOR				R411	1-249-418-11	CAR80N		5%	1/4W	
Q443	8-729-178-54	TRANSISTOR				R412	1-249-434-11	CAR8ON	27K	5%	1/4W	
Q444	8-729-178-54	TRANSISTOR	2SC2785			R413	1-249-428-11	CAR8ON	8.2K	5%	1/4W	
0445	0 720 117 54	TRANSISTOR	2041176			R414	1-249-416-11	CARBON	820	5%	1/4W	
Q445	8-729-117-54 8-729-117-54	TRANSISTOR				R415	1-247-104-00	CARBON	75	5%	1/4W	
Q446 Q447	8-729-178-54	TRANSISTOR				R416	1-247-713-11	CAR8ON	1K	5%	1/4W	
Q448	8-729-117-54	TRANSISTOR				R417	1-215-468-00	CARBON	91K	5%	1/4W	
Q449	8-729-178-54	TRANSISTOR				R418	1-249-418-11	CARBON	1.2K	5%	1/4W	
•						1			0714		1.44	
Q450	8-729-117-54	TRANSISTOR				R419	1-249-434-11	CARBON	27K	5%	1/4W	
0451	8-729-178-54	TRANSISTOR				R420 R421	1-249-428-11 1-249-416-11	CARBON CARBON	8.2K 820	5% 5%	1/4W 1/4W	
Q452	8-729-117-54	TRANSISTOR TRANSISTOR				R421	1-249-466-11	CARBON	56K	5%	1/4W	
Q453 Q454	8-729-178-54 8-729-117-54	TRANSISTOR				R423	1-247-885-00	CARBON	180K	5%	1/4W	
Q4J4	0-729-117-34	INMISTSION	ZJAII/J			1	1 217 000 00	O, 2 O			-,	
Q455	8-729-178-54	TRANSISTOR	2SC2785			R424	1-249-440-11	CAR80N	82K	5%	1/4W	
Q456	8-729-178-54	TRANSISTOR	2SC2785			R425	1-249-437-11	CARBON	47K	5%	1/4W	
Q457	8-729-117-54	TRANSISTOR	2SA1175			R426	1-249-427-11	CARBON	6.8K	5%	1/4W	
	250					R427	1-249-425-11	CARBON	4.7K 56K	5% 5%	1/4W 1/4W	
	KE2	ISTOR				R428	1-249-466-11	CARBON	JUK	J /6	1/48	
R351	1-249-429-11	CARBON	10K	5% 1,	4W	R429	1-247-885-00	CARBON	180K	5%	1/4W	
R352	1-249-409-11	CARBON	220		/4W	R430	1-249-440-11		82K	5%	1/4W	
R353	1-249-429-11	CARBON	10K		/4W	R431	1-249-437-11	CARBON	47K	5%	1/4W	
R354	1-249-409-11	CAR80N	220		/4W	R432	1-249-427-11	CARBON	6.8K	5%	1/4W	
R355	1-249-405-11	CARBON	100	5% 1,	/4W	R433	1-249-425-11	CARBON	4.7K	5%	1/4W	
R356	1-247-711-11	CAR80N	680	5% 1,	/4W	1 P434. A	1-247-807-31	CARRON	100	5%	1/4W	All Trees.
R357	1-247-711-11	CARBON	680		/4W	R435	1-249-441-11		100K	5%	1/4W	ALEGY A LOS CONTRACTOR I.
R358	1-249-415-11	CAR8ON	680		/4W	R436	1-246-445-00	CARBON	68	5%	1/4W	
R359	1-249-415-11		680		/4W	R437	1-247-713-11	CAR80N	1K	5%	1/4W	
R361	1-247-711-11	CARBON	680	5% 1,	/4W	R438	1-249-421-11	CARBON	2.2K	5%	1/4W	
2222	1 047 711 11		600	EW 1	///	0430	1-247-725-11	CAR80N	10K	5%	1/4W	
R362	1-247-711-11	CAR8ON	680 680		/4W /4W	R439 R440	1-215-468-00	CARBON	91K	5%	1/4W	
R364 R365	1-249-415-11 1-247-711-11	CAR8ON CAR8ON	680		/4W	R442	1-249-434-11	CARBON CARBON	27K	5%	1/4W	
R366	1-246-457-00	CARBON	220		/4W	R443	1-249-428-11	CARBON	8.2K	5%	1/4W	
R367	1-246-457-00	CARBON	220		/4W	R444	1-246-445-00	CARBON	68	5%	1/4W	
						1 24:5	1 043 710	0.4.000011	1.0	E 64	1 /41	
R368	1-249-429-11	CAR8ON	10K		/4W	R445	1-247-713-11	CAR8ON	1K 2.2K	5% 5%	1/4W 1/4W	
R369	1-249-409-11	CARSON	220		/4W /4W	R446 R447	1-249-421-11 1-247-725-11	CAR8ON CAR8ON	2.2K 10K	5%	1/4W	
R370	1-249-409-11	CAR80N	220	5% 1.	7 7 10	1 4447	1-54/-/50-11	CAROUN	100	J /U	4, TN	

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.



Ref.No	. Part No.	Description				Remark	Ref.No.	Part No.	<u>Oescription</u>				Remark
R44B R450 R451 R452 R453	1-215-46B-00 1-249-434-11 1-249-42B-11 1-246-445-00 1-247-713-11	CARBON CARBON CARBON CARBON CARBON	91K 27K B.2K 6B 1K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1402	1-249-412-11 1-249-421-11 1-249-417-11 1-249-432-11 1-249-424-11	CARBON CARBON CARBON CARBON CARBON	390 2.2K 1K 1BK 3.9K	5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R454 R455 R456 R45B R459	1-249-421-11 1-247-725-11 1-215-46B-00 1-249-434-11 1-249-42B-11	CARBON CARBON CARBON CARBON CARBON	2.2K 10K 91K 27K B.2K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1406 R1413 R1414	1-249-429-11 1-249-423-11 1-247-720-11 1-247-70B-11 1-247-722-11	CARBON CARBON CARBON CARBON CARBON	10K 3.3K 3.9K 470 5.6K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R460 R461 R462 R463 R465	1-247-700-11 1-249-421-11 1-249-417-11 1-249-424-11 1-249-419-11	CARBON CARBON CARBON CARBON CARBON	100 2.2K 1K 3.9K 1.5K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1419 R1420 R1421	1-249-413-11 1-249-419-11 1-249-425-11 1-249-417-11 1-249-415-11	CARBON CARBON CARBON CARBON CARBON	470 1.5K 4.7K 1K 6B0	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R466 R467 R46B R469 R470	1-249-411-11 1-249-416-11 1-249-419-11 1-249-411-11 1-249-416-11	CARBON CARBON CARBON CARBON CARBON	330 820 1.5K 330 B20	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1434 R1435	1-249-429-11 1-249-423-11 1-215-43B-00 1-249-41B-11 1-249-436-11	CARBON CARBON CARBON CARBON CARBON	10K 3.3K 5.1K 1.2K 39K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R471 R472 R473 R474 R475	1-249-419-11 1-249-411-11 1-249-416-11 1-249-425-11 1-249-428-11	CARBON CARBON CARBON CARBON CARBON	1.5K 330 820 4.7K 8.2K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1441	1-249-429-11 1-249-426-11 1-249-425-11 1-249-433-11 1-215-491-00	CARBON CARBON CARBON CARBON CARBON	10K 5.6K 4.7K 22K B20K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R476 R477 R47B R479 R4B0	1-249-417-11 1-249-425-11 1-249-425-11 1-249-425-11 1-246-445-00	CAR8ON CARBON CARBON CAR8ON CARBON	1K 4.7K 4.7K 4.7K 68	5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1446	1-215-491-00 1-215-491-00 1-249-436-11 1-249-435-11 1-246-527-00	CARBON CARBON CARBON CARBON CARBON	820K 820K 39K 33K 180K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R4B1 R482 R483 R484 R485	1-247-717-11 1-249-421-11 1-249-405-11 1-249-429-11 1-215-468-00	CAR8ON CARBON CARBON CARBON CAR8ON	2.2K 2.2K 100 10K 91K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1449 R1451 R1452	1-249-426-11 1-249-421-11 1-249-417-11 1-249-423-11 1-249-417-11	CARBON CARBON CARBON CARBON CARBON	5.6K 2.2K 1K 3.3K 1K	5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R486 R487 R488 R4B9 R490	1-249-434-11 1-249-428-11 1-246-457-00 1-247-721-11 1-249-419-11	CARBON CARBON CARBON CARBON CARBON	27K 8.2K 220 4.7K 1.5K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1455 R1456 R1457	1-249-423-11 1-249-421-11 1-249-413-11 1-249-421-11 1-249-401-11	CARBON CARBON CARBON CARBON CARBON	3.3K 2.2K 470 2.2K 47	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R491 R492 R493 Z R494 R495	1-249-421-11 1-249-416-11 1-249-819-31 1-249-425-11 1-249-433-11		2.2K 820 330 4.7K 22K		1/4W 1/4W 1/4W 1/4W 1/4W	建 层建建。	R1461 R1462	1-249-414-11 1-249-397-11 1-249-421-11 1-249-413-11 1-249-421-11	CAR8ON CARBON CARBON CARBON CARBON	560 22 2.2K 470 2.2K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R496 R497 R499 R661 R662	1-249-437-11 1-249-429-11 1-249-411-11 1-247-703-11 1-247-703-11	CARBON CARBON CARBON CARBON CARBON	47K 10K 330 1B0 1B0	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R1465 R1466 R1467	1-249-401-11 1-249-414-11 1-249-397-11 1-249-421-11 1-249-413-11	CARBON CARBON CARBON	47 560 22 2.2K 470	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R663 R664 R665	1-247-703-11 1-249-412-11 1-249-412-11	CARBON CARBON CARBON	1B0 390 390	5% 5% 5%	1/4W 1/4W 1/4W		R1470	1-249-421-11 1-249-401-11 1-249-414-11	CARBON	2.2K 47 560	5% 5% 5%	1/4W 1/4W 1/4W	

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.

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Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R1473 R1474 R1475	1-249-397-11 1-249-428-11 1-249-427-11 1-249-429-11 1-249-409-11	CARBON	22 8.2K 6.8K 10K 220		1/4W 1/4W 1/4W 1/4W 1/4W		C712 C713 C714 C715 C716	1-129-737-00 1-123-356-00 1-102-249-00 1-102-219-00 1-161-731-00	ELECT CERAMIC	0.047M 10MF 680PF 680PF 0.001M		20% 20% 20% 10% 10%	630V 50V 2KV 1KV 2KV
	1-249-409-11		220	5%	1/4W		! !	010	<u>DE</u>				
R1479 R1480	1-249-409-11 1-249-425-11 1-249-425-11 1-249-417-11	CARBON CARBON CARBON CARBON	220 4.7K 4.7K 1K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W		D701 D702 D703	8-719-300-76 8-719-300-76 8-719-300-76	DIODE RH1A				
	1-249-429-11	CARBON	10K	5%	1/4W		!	<u>C01</u>	<u>L</u>				
R1484 R1485 R1486	1-249-429-11 1-247-725-11 1-246-457-00 1-247-725-11	CARBON	10K 10K 220 10K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W		 L701 L702 L703 L704	1-407-701-00 1-407-701-00 1-407-701-00 1-407-701-00	INDUCTOR INDUCTOR	47UH 47UH 47UH 47UH			
	1-246-457-00 1-247 - 725-11	CARBON CARBON	220 10K	5% 5%	1/4W 1/4W		! 	TRA	NSISTOR	•			
R1490	1-246-457-00 1-247-725-11 1-246-457-00	CARBON CARBON CARBON	220 10K 220	5% 5% 5%	1/4W 1/4W 1/4W		Q701 Q702	8-729-178-54 8-729-168-82 4-370-970-01	TRANSISTOR 2	SC2688			
	VAR	IABLE RESISTOR					, Q703 Q704	8-729-178-54	TRANSISTOR 2	SC2785			
RV402 RV403 RV404	1-226-853-00 1-226-852-00 1-226-852-00 1-226-852-00 1-226-852-00	RES, ADJ, CAR RES, ADJ, CAR RES, ADJ, CAR	BON 22 BON 22 BON 22	K K K			 0705 0706		TRANSISTOR 2: TRANSISTOR 2	SC2785 SC2688			٠.
	<u>SW I</u>	<u>тсн</u>						RES	ISTOR				
S401 S402 S403	1-553-725-00 1-553-725-00	SWITCH, SLIDE SWITCH, SLIDE SWITCH, SLIDE					R701 R702 R703 R704	1-249-413-11 1-247-793-00	CARBON CARBON CARBON	2.2K 470 470 27	5% 5% 5%	1/4W 1/4W 1/4W 1/4W	E
*****	*****	****	*****	*****	*****	*** * * * * * * *	R705 	1-206-743-00	METAL OXIDE	5.6K	5%	3W	F
	*A-1330-541-A	C1 BOARO, COM					R706 R708 R709	1-249-408-11 1-247-838-00 1-249-421-11	CARBON	180 2K 2.2K	5% 5% 5%	1/4W 1/4W 1/4W	
	1-526-645-00	SOCKET, CRT					R710 R711	1-249-413-11 1-249-413-11	CARBON CARBON	470 470	5% 5%	1/4W 1/4W	
	CON	NECTOR					 R712	1-247-793-00	CARBON	27	5%	1/4W	
	*1-508-765-00 *1-508-786-00						R713 R714 R716	1-206-743-00 1-249-408-11 1-247-838-00	CARBON CARBON	5.6K 180 2K	5% 5%	3W 1/4W 1/4W	F
		ACITOR					R717 	1-249-421-11	CARBON	2.2K		1/4W	
C701 C703 C704 C705 C706	1-123-356-00 1-102-116-00 1-124-039-51 1-102-115-00 1-124-039-51	ELECT CERAMIC ELECT CERAMIC ELECT	10MF 680PF 10MF 560PF 10MF		20% 10% 20% 10% 20%	25V 50V 16V 50V 16V	R718 R719 R720 R721 R722	1-249-413-11 1-249-413-11 1-247-793-00 1-206-743-00 1-249-408-11	CARBON CARBON CARBON METAL OXIDE CARBON	470 470 27 5.6K 180	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 3W 1/4W	F
C707 C708 C709 C710 C711	1-102-116-00 1-124-039-51 1-121-759-00 1-106-387-00 1-102-038-00	CERAMIC ELECT ELECT MYLAR CERAMIC	680PF 10MF 4.7MF 0.1MF 0.001N	1F	10% 20% 10%	50V 16V 250V 200V 500V	R723 R724 R725 R726 R727	1-249-391-11 1-247-838-00 1-247-694-11 1-244-925-00 1-202-824-00	CARBON CARBON CARBON CARBON SOL ID	6.8 2K 33 150K 3.3K	5% 5% 5% 5% 10%	1/6W 1/4W 1/4W 1/2W 1/2W	

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Ref.No.	Part No.	<u>Oescription</u>			Remark	Ref.No.	Part No.	<u>Oescription</u>			Remark
R728 R729 R730 R731 R732	1-202-824-00 1-202-824-00 1-202-815-11 1-202-719-00 1-202-722-00	SOL IO SOL IO		0% 1/2W 0% 1/2W 0% 1/2W		C509 C511 C512 C513 C514	1-123-380-00 1-123-356-00 1-123-380-00 1-130-487-00 1-130-491-00	ELECT ELECT MYLAR	1MF 10MF 1MF 0.022MF 0.047MF	20% 20% 20% 5% 5%	50V 25V 50V 50V
R733 R734 R735 R736 R737	1-202-719-00 1-202-824-00 1-202-720-00 1-202-834-00 1-202-549-00	SOL ID SOL ID	3.3K 10 1.2M 10	0% 1/2W 0% 1/2W		C515 C516 C517 C518 C519	1-124-514-11 1-102-228-00 1-106-375-12 1-123-356-00 1-123-228-00	CERAMIC MYLAR ELECT	100MF 470PF 0.022MF 10MF 1MF	20% 10% 10% 20% 20%	50 V 500 V 100 V 25 V 50 V
R738	1-202-842-11	SOL IO	220K 1	0% 1/2W		I I C520 I C521	1-123-330-00 1-123-336-00		22MF 470MF	20% 20%	25V 25V
	VAR	IABLE RESISTO	<u>R</u>			C522	1-123-330-00	ELECT	22MF	20%	160
RV 701 RV 702	1-228-719-00 1-228-723-00	RES, ADJ, CEI	RAMIC CARE	BON 470 BON 4.7K		C523 C524 	1-123-330-00 1-123-380-00		22MF 1MF	20% 20%	16V 50V
RV703 RV704 RV705	1-228-719-00 1-228-723-00 1-228-719-00 1-228-723-00	RES, ADJ, CER	RAMIC CARE RAMIC CARE RAMIC CARE	BON 470 BON 4.7K BON 470		C526 C527	1-130-485-00 1-131-356-00 1-126-103-11 1-123-382-00 1-123-228-00	TANTALUM ELECT ELECT	0.015MF 3.3MF 470MF 3.3MF 1MF	5% 10% 20% 20% 20%	50V 25V 16V 50V 50V
RV 707 RV 708 RV 709	1-228-719-00 1-228-723-00 1-228-719-00 1-228-723-00	RES, ADJ, CER RES, ADJ, CER RES, ADJ, CER RES, ADJ, CER	RAMIC CARE RAMIC CARE RAMIC CARE	30N 470 30N 4.7K 30N 470		 C530 C531	1-130-483-00 1-130-491-00 1-123-380-00 1-123-356-00	MYLAR MYLAR ELECT	0.01MF 0.047MF 1MF 10MF	5% 5% 20% 20%	50V 50V 50V 16V
RV712	1-228-719-00 1-228-723-00	RES, ADJ, CER	RAMIC CARE	30N 4.7K		C534	1-106-343-00		0.001MF	5%	50V
	1-226-114-00 1-226-063-00			2.2M		C535 C536 C537	1-123-333-00 1-123-336-00 1-123-381-00	ELECT	100MF 470MF 2.2MF	20% 20% 20%	25V 25V 50V
*****	******	******			*****		1-102-973-00 1-123-380-00	CERAMIC	100PF 1MF	5% 20%	50V 50V 50V
1	*1-613-038-11	C2 BOARO			ı		1-123-381-00		2.2MF	20%	50V
	CON	NECTOR				C753 C755	1-124-791-11 1-130-495-00	ELECT MYLAR	1MF 0.1MF	20% 5%	50V 50V
	*1-560-129-00 *1-560-129-00					C756 C757	1-124-791-11 1-162-117-00	CERAMIC	1MF 100PF	20% 10%	50V 500V
	SMI.	•	OK (210)	.,			1-108-824-00 1-123-356-00		0.47MF 10MF	5% 20%	50V 25V
\$701	1-554-974-11	SWITCH, SLIGE	<u> </u>			C761	1-124-126-00 1-123-382-00	ELECT	47MF 3.3MF	20% 20%	25V 50V
*****	*****	*****	****	****	*****	C762	1-123-330-00	FLECI	22MF	20%	25V
*	*A-1345-472-A	O BOARO, COMP	LETE ****			C766 C767	1-123-334-00 1-123-380-00 1-123-380-00	ELECT ELECT	220MF 1MF 1MF	20% 20% 20%	25V 50V 50V
	3-701-833-01	HEAO, WASHER,	TAPPING	SCREW			1-106-220-00 1-124-126-00		0.1MF 47MF	10% 20%	100V 25V
	CAP	ACITOR				C801 C802	1-136-173-00 1-123-381-00	FILM	0.47MF 2.2MF	5% 20%	50v 50V
C505	1-123-380-00	MYLAR ELECT	0.0022MF 0.033MF 1MF	10% 20%	50 v 100 v 50 v	C803 C804	1-123-381-00 1-101-888-00 1-123-380-00 1-101-361-00	CERAMIC ELECT	68PF 1MF 150PF	5% 20% 5%	50 V 50 V 50 V
C506 C507	1-123-380-00	ELECT	0.015MF 1MF	20%	50V [50V [C807		CERAMIC	0.001MF 150PF	5% 5%	50V 50V
C508	1-136-173-00	FILM	0.47MF	5%	50 v j	C808	1-123-369-00	ELECT	4.7MF	20%	25V



Ref.No.	Part No.	Description			Remark	Ref.No	. Part No.	Description			Remark
C810 C811 C813 C814 C815	1-106-359-00 1-106-367-00 1-106-375-12 1-106-351-00 1-129-794-00	MYLAR MYLAR MYLAR MYLAR FILM	0.0047MF 0.01MF 0.022MF 0.0022MF 0.0033MF	5% 10% 10% 10% 5%	50V 100V 100V 100V 100V	C873 C874 C876 C877 C877	1-126-103-11 1-106-367-00 1-102-816-00 1-101-361-00 1-101-361-00	ELECT MYLAR CERAMIC CERAMIC CERAMIC	470MF 0.01MF 120PF 150PF 150PF	20% 10% 5% 5% 5%	16V 100V 50V 50V 50V
C816 C817 C818 C819 C821	1-123-381-00 1-123-381-00 1-123-330-00 1-123-330-00 1-123-381-00	ELECT ELECT ELECT ELECT ELECT	2.2MF 2.2MF 22MF 22MF 2.2MF	20% 20% 20% 20% 20%	50V 50V 25 V 25 V 50V	C880 C881 C883 C884 C885	1-101-888-00 1-102-820-00 1-108-818-11 1-123-356-00 1-130-493-00	CERAMIC MYLAR ELECT	68PF 330PF 0.15MF 10MF 0.068MF	5% 5% 5% 20% 5%	50V 50V 50V 25V 50V
C822 C823 C824 C825 C827	1-123-380-00 1-123-356-00 1-123-356-00 1-123-322-00 1-123-379-00	ELECT ELECT ELECT ELECT ELECT	1MF 10MF 10MF 330MF 0.47MF	20% 20% 20% 20% 20%	50V 16V 50V 16V 50V	C886 C887 C888 C889 C895	1-106-351-00 1-123-332-00 1-126-103-11 1-108-818-11 1-102-512-00	ELECT ELECT MYLAR	0.0022MF 47MF 470MF 0.15MF 16PF	5% 20% 20% 5% 5%	50V 16V 16V 50V 50V
C828	1-102-820-00	CERAMIC	330PF	5%	50 v	! 	CON	NECTOR			
C829 C830 C832 A C833	1-106-385-00 1-102-030-00 1-161-961-11 1-106-387-00	MYLAR CERAMIC CERAMIC MYLAR	0.068MF	10% 10% 10% 10%	200V 500V 3KV 200V	D3 D4	*1-560-126-00 *1-560-128-00 *1-560-125-00 *1-508-765-00 *1-508-765-00		TOR (2.5MM	PITCH)	
C835 A C836 C837 C838	1-136-079-11 1-136-186-00 1-106-387-00 1-136-112-00	FILM FILM MYLAR FILM	2.4MF 0.1MF 1.4MF	3% 5% 10% 5%	2KV 200V 200V 200V	 D6 D7 D8 D9	*1-564-038-00 *1-508-766-00 *1-560-290-00 *1-560-124-00	CONNECTOR PL 4P PLUG (M) PLUG, CONNEC PLUG, CONNEC	TOR (2.5MM)	PITCH) 4P	
C839 C840 C841 C842	1-130-566-00 1-136-123-00 1-123-267-00 1-106-357-00	MYLAR FILM ELECT MYLAR	2.2MF 0.51MF 2.2MF 0.0039MF	10% 5% 20% 10%	250 V 400 V 160 V 100 V	D10 D11 D12	*1-560-123-00 *1-560-123-00 *1-560-123-00	PLUG, CONNEC	TOR (2.5MM)	PITCH) 3P	
C843	1-123-380-00	ELECT	1MF	20%	50 v	ļ	DIO	<u>DE</u>			
C844 C846 C849 C850 C851	1-123-322-00 1-123-347-00 1-130-495-00 1-129-706-00 1-106-367-00	ELECT ELECT MYLAR FILM MYLAR	330MF 330MF 0.1MF 0.0022MF 0.01MF	20% 20% 5% 10% 10%	16V 35 V 50V 630V 200V	D501 D502 D504 D505 D506	8-719-100-23 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-55	DIODE RD4.3E DIODE 1SS119 DIODE 1SS119 OIODE 1SS119 DIODE UO5G)		
C852 C853 C854 C855 C856	1-123-337-00 1-102-212-00 1-121-999-00 1-123-024-00 1-106-383-00	ELECT CERAMIC ELECT ELECT MYLAR	1000MF 820PF 10MF 33MF 0.047MF	20% 10%	25 V 500 V 160 V 160 V 200 V	D507 D509 D751 D752 D753	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119) } }		
C857 C858 C859 C860	1-102-223-00 1-102-971-00 1-123-369-00 1-123-332-00 \(\Lambda\) 1-136±065-11	ELECT				1 0007	8-719-911-19 8-719-911-55 8-719-911-19 8-719-100-30 8-719-100-80	DIODE 155119 DIODE RD5.18) E-B2		
C862 A C863 A C865 C866 C868	\(\lambda 1-136-066-11c \) \(\lambda 1-136-064-11 \) \(\lambda 1-106-367-00 \) \(\lambda 1-101-361-00 \) \(\lambda 1-123-356-00 \)	FILM	0.003MF 00 0.002MF 0.01MF 150PF 10MF	3%-613 3%-613 10% 5% 20%	2KV 2KV 200V 50V 16V	D805 D806 D807 D808 D809	8-719-305-15 8-719-928-08 8-719-918-77 8-719-918-77 8-719-300-76	DIODE GH3F DIODE ERD28- DIODE V19G DIODE V19G DIODE RH1A	280		·
C870 C871 C872	1-123-332-00 1-123-380-00 1-106-367-00	ELECT	47MF 1MF 0.01MF	20% 20% 10%	25 V 50 V 100 V	 D810 D811	8-719-903-09 8-719-911-19	DIODE V3ON DIODE 1SS119)		

The components identified by shading and mark A are critical for safety.
Replace only with part number specified.



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Ref.No.	Part No.	Description		Ref.No.	Part No.	Description			Remark
D812 D813 D814 D815 D816	8-719-300-76 8-719-300-76 8-719-911-19 8-719-911-19 8-719-911-19	DIODE RHIA DIODE RHIA DIODE 1SS119 DIODE 1SS119 DIODE 1SS119		Q755 Q756 Q757 A Q758 A Q760		TRANSISTOR 2	SD789 SD789-3 (1) SB740-2 (1)	-554-251-1 -2552551	
D817 D818	8-719-100-65 8-719-911-55	DIODE ROIZE-DE		Q801 Q802 Q803	8-729-117-54 8-729-178-54	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SA1175 SC2785		
	<u>1C</u>			Q804 Q805	8-729-168-82	TRANSISTOR 2 TRANSISTOR 2	SC2688		
IC502 IC503 IC504 IC801	8-759-145-58 8-759-345-38	IC HD14538BP		1	*4-363-404-00 4-363-414-00 µ8-729-313-82 8-729-900-36 8-729-900-36	HOLDER, IC; SPACER, MICA TRANSISTOR 2: TRANSISTOR D	Q805 ; Q805 SD1T38-C∑ TC124ES		. TWSsjör
IC803 IC804	8-759-700-06 *4-323-833-00	HEAT SINK, PIN OUT; IC805		Q810 Q811 Q812 Q813 Q816	8-729-900-36 8-729-117-54 8-729-178-54 8-729-900-36 8-729-178-54	TRANSISTOR 2: TRANSISTOR 2: TRANSISTOR D	SA1175 SC2785 TC124ES		
	COI			Q817	8-729-117-54	TRANSISTOR 25	SA1175		
L501 L752 L753 L802 L803	1-408-247-00 1-408-349-00 1-408-238-00	INDUCTOR 22MMH INDUCTOR 33MMH COIL, CHOKE INDUCTOR 3.9MMH		Q818 Q819 Q820 Q821	8-729-117-54 8-729-178-54 8-729-178-54 8-729-178-54	TRANSISTOR 25 TRANSISTOR 25 TRANSISTOR 25	SC2785 SC2785 SC2785		
L805 ₫. L806 L807	1-40/-365-00	COIL, CHOKE 980UH COIL, CHOKE	16 /* .	Q822 Q823 Q824 	8-729-178-54 8-729-178-54 8-729-178-54 RES	TRANSISTOR 23	SC2785		
L808	1-407-364-00	COIL, SPOOK CHOKE 3.3UH		 R504	1-249-425-11	CARBON	4.7K 5%	1/4W	
L809 L810 L811 L812 L814	1-407-841-00 1-408-074-00 1-459-155-00 1-459-115-00 1-407-841-00			R505 R506 R507 R508	1-249-436-11 1-249-435-11 1-215-455-00 1-249-418-11	CARBON CARBON METAL	39K 5% 33K 5% 27K 1% 1.2K 5%	1/4W 1/4W 1/6W 1/4W	
	1-408-247-00			R509 R510	1-215-473-00 1-215-461-00		150K 1% 47K 1%	1/6W 1/6W	
	TRA	NSISTOR		R513 R514 R515	1-215-479-00 1-215-463-00 1-215-410-00	METAL METAL	270K 1% 56K 1% 360 5%	1/6W 1/6W 1/4W	
Q502 Q503 Q504 Q505 Q507	8-729-900-36 8-729-900-36 8-729-900-63	TRANSISTOR DTC124ES TRANSISTOR DTC124ES TRANSISTOR DTC124ES TRANSISTOR DTA124ES TRANSISTOR 25A1175		 R516 R517 R518 R519	1-249-415-11 1-215-418-00 1-249-409-11 1-249-441-11	CARBON CARBON	680 5% 750 5% 220 5% 100K 5%	1/4W 1/4W 1/4W 1/4W	
0508		TRANSISTOR 2SC2785	1	R520	1-249-425-11	CARBON	4.7K 5%	1/4W	
0509 0510 0751	8-729-900-36 8-723-305-00 8-729-178-54	TRANSISTOR DTC124ES TRANSISTOR 25K43-5 TRANSISTOR 25C2785	1	R521 R522 R524	1-215-476-00 1-215-458-00 1-215-432-00	METAL CARBON	200K 5% 36K 1% 3K 5%	1/4W 1/6W 1/4W	
Q752	8-729-313-42	TRANSISTOR 2SD1134		R525 R526	1-249-430-11 1-215-436-00	CARBON CARBON	12K 5% 4.3K 5%	1/4W 1/4W	
Q754	4-329-153-00 8-729-304-92	TRANSISTOR 2SD669A HEAT SINK, V OUT; Q753 TRANSISTOR 2SB649A HEAT SINK, V OUT; Q754		 R527 :R528 <u>A</u> t: R529	1-249-433-11 21-215-373-31 1-215-866-11	CARBON METAL: METAL OXIDE	22K 5% 10 1 2 1%: 330 5%	1/4W 4081/6W 1-1 1W F	Igen

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.



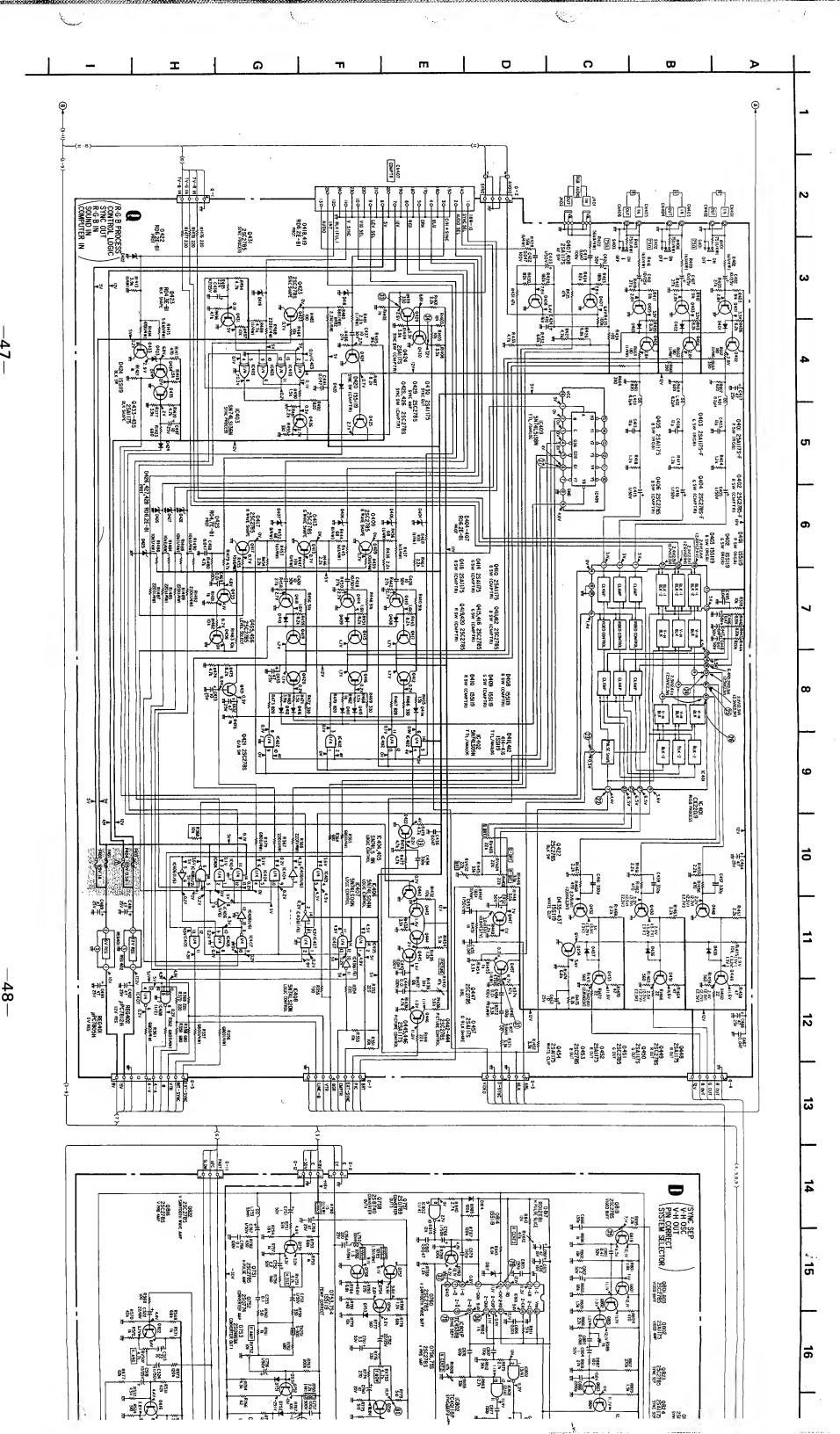
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Def No	Part No.	Description				Remark	Ref.No.	Part No.	Description				Re	mark
KCI . NO.	141 4 1101	<u> </u>					1			470	- ~	1 (4)		
R530	1-215-866-11	METAL OXIDE	330	5%	1W	F	R593	1-249-413-11	CARBON	470	5% 5%	1/4W		
R531	1-215-464-00	CARBON	62K	5%	1/4W		R594	1-249-417-11	CARBON	1K 1K	5% 5%	1/4W 1/4W		
R532	1-215-460-00	CARBON	43K	5 %	1/4W		R595	1-249-417-11 1-249-409-11	CARBON CARBON	220	5%	1/4W		
R533	1-249-442-11	CARBON	510	5%	1/4W		R596 R597	1-249-417-11	CARBON	1K	5%	1/4W		
R534	1-249-442-11	CARBON	510	5%	1/4W		i Kosi	1-243-417-11	CARDON	IK	J 76	1/ 7/1		
2540	1 010 006 00	METAL OVICE	3.3	5%	1W	F	R751	1-215-464-00	CARBON	62K	5%	1/4W		
R542	1-212-36 6- 00 1-247 - 746-11	METAL OXIOE CARBON	390	5%	1/2W	•	R753	1-249-439-11	CARBON	68K	5%	1/4W		
R544 R545	1-249-420-11	CARBON	1.8K	5%	1/4W		R754	1-249-432-11	CARBON	18K	5%	1/4W		
R545	1-249-427-11	CARBON	6.8K	5%	1/4W		R755	1-249-417-11	CARBON	1K	5%	1/4W		
R547	1-249-417-11	CARBON	1K	5%	1/4W		R756	1-249-414-11	CARBON	560	5%	1/4W		
1,547	1-243 411	5/11125					İ					1		
R548	1-249-426-11	CARBON	5.6K	5%	1/4W		R757	1-249-417-11	CARBON	1K	5%	1/4W		
R549	1-249-429-11	CARBON .	10K	5%	1/4W		R758	1-249-411-11	CARBON	330	5%	1/4W		
R550	1-215-468-00	CARBON	91K	5%	1/4W		R760	1-249-442-11	CARBON	510	5%	1/4W		
R551	1-249-437-11	CARBON	47K	5%	1/4W		R761	1-249-417-11	CARBON	1K	5%	1/4W		
R552	1-249-428-11	CARBON	8.2K	5%	1/4W		R762	1-249-415-11	CARBON	680	5%	1/4W		
			. 7.,	- ~	1 / 411		1 0762	1 215 476 00	CARRON	200K	5%	1/4W		
R553	1-249-425-11	CARBON	4.7K	5% 5%	1/4W		R763	1-215-476-00 1-215-436-00	CARBON CARBON	4.3K	5%	1/4W		
R554	1-215-476-00	CARBON	200K	5% 5%	1/4W 1/4W		R764 R765	1-213-147-00	METAL OXIDE	2.2K	5%	1W	F	
R555	1-249-426-11	CARBON	5.6K 15K	5% 5%	1/4W			1-247-802-31	CARBON	62		1/4W	100	1977. July 2
R556	1-249-431-11	CARBON CARBON	33K	5%	1/4W		R767	1-249-405-11	CARBON	100	5%	1/4W		
R558	1-249-435-11	CARDUN	221/	J /6	1/ 74		1	1-213-100 11	0/11/2011			-,		
R559	1-249-429-11	CARBON	10K	5%	1/4W		R768	1-249-430-11	CARBON	12K	5%	1/4W		
R560	1-249-429-11	CARBON	10K	5%	1/4W		R769	1-247-021-00	CARBON	1.5	5%	1/8W	F	
R561	1-215-466-00	CARBON	75K	5%	1/4W		R770	1-247-021-00	CARBON	1.5	5%	1/8W	F	
R562	1-249-439-11	CARBON	68K	5 %	1/4W		R771	1-215-464-00	CARBON	62K	5%	1/4W		
R563	1-249-439-11	CARBON	68K	5%	1/4W		R772	1-215-460-00	CARBON	43K	5%	1/4W		
							!			510		2 /411		
R564	1-215-479-00	CARBON	270K	5%	1/4W		R773	1-249-442-11	CARBON	510	5%	1/4W		
R565	1-249-429-11	CARBON	10K	5%	1/4W		R774	1-249-410-11	CARBON	270 510	5% 5%	1/4W 1/4W		
R566	1-215-493-00	METAL	1M	1%	1/6W		R775	1-249-442-11	CARBON	330	5%	1/4W		
R567	1-249-440-11	CARBON	82K	5%	1/4W		R776 R777	1-249-411-11 1-249-414-11	CARBON CARBON	560	5%	1/4W		
R568	1-249-405-11	CARBON	100	5%	1/4W] K///	1-243-414-11	CARDON	300	5,0	27 711		
DEED	1-249-439-11	CARBON	68K	5%	1/4W		R778	1-249-439-11	CARBON	68K	5%	1/4W		
R569 R570	1-215-460-00	CARBON	43K	5%	1/4W		R779	1-249-429-11	CARBON	10K	5%	1/4W		
R571	1-249-417-11	CARBON	1K	5%	1/4W		R780	1-249-418-11	CARBON	1.2K	5%	1/4W		
R572	1-249-417-11	CARBON	1K	5%	1/4W		R781	1-215-406-00	CARBON	240	5%	1/4W		
R573	1-247-881-00	CARBON	120K	5%	1/4W		R782	1-215-412-00	CARBON	430	5%	1/4W		
							!			070				
R574	1-249-438-11	CARBON	56K	5%	1/4W		R783	1-249-410-11	CARBON	270	5%	1/4W		
R575	1-249-426-11	CARBON	5.6K	5%	1/4W		R784	1-249-427-11	CARBON	6.8K 1.5	5%	1/4W 1/8W	-5	T- 6.7.
R576	1-249-421-11	CARBON	2.2K	5%	1/4W			1 247 021 11	CARBON	1.5	5%	1/8W		F2 = 17-1
R577	1-249-409-11	CARBON	220	5%	1/4W		j. R/80 <u>/r</u> R787	1-247-021-11 1-247-881-00	CARBON CARBON	120K	5%	1/4W		
R578	1-215-479-00	CARBON	270K	5%	1/4W		K/O/	1-24/-001-00	CARDON	1201	J /0	1/ 78		
n E 7 0	1-249-441-11	CARBON	100K	5%	1/4W		R788	1-249-441-11	CARBON	100K	5%	1/4W		-
R579 R580	1-249-417-11	CARBON	1K	5%	1/4W		R789	1-249-418-11	CARBON	1,2K	5%	1/4W		
R581	1-249-417-11	CARBON	îĸ	5%	1/4W		R790	1-247-001-11	CARBON	15	5%		F	
R582	1-249-426-11	CARBON	5 6K	5%	1/4W		R801	1-249-423-11	CARBON	3.3K	5%	1/4W		
R583	1-215-482-00	CARBON	360K		1/4W		R802	1-249-432-11	CARBON	18K	5%	1/4W		
		****					İ				- e'	1		
R584	1-249-437-11	CARBON	47K	5%	1/4W		R803	1-247-881-00	CARBON	120K	5% 5~	1/4W		
R585	1-249-399-11	CARBON	33	5%	1/4W		R804	1-249-435-11	CARBON	33K	5% 5%	1/4W		
R586	1-249-431-11	CARBON	15K	5%	1/4W		R805	1-249-419-11	CARBON	1.5K		1/4W		
R587	1-249-417-11	CARBON	1K	5% 5%	1/4W		R806	1-249-421-11	CARBON	2.2K	5% 5%	1/4W 1/4W		
R589	1-249-417-11	CARBON	1 K	5%	1/4W		R807	1-215-484-00	CARBON	430K	J /6	1/4M		
D.C.0.0	1 015 400 00	CARRON	1M	5%	1/4W		I I R808	1-249-434-11	CARBON	27K	5%	1/4W		
R590	1-215-493-00	CARBON	200K		1/4W		R809	1-249-419-11	CARBON	1.5K		1/4W		
R591 R592	1-215-476-00 1-212-364-00	CARBON METAL OXIOE	2.2	5%	1W	F	R810	1-249-428-11	CARBON	8.2K		1/4W		
KDYZ	1-515-304-00	HEIME ONTOL	- • -	J 70		•								

The components identified by shading and mark A are critical for safety.
Replace only with part number specified.

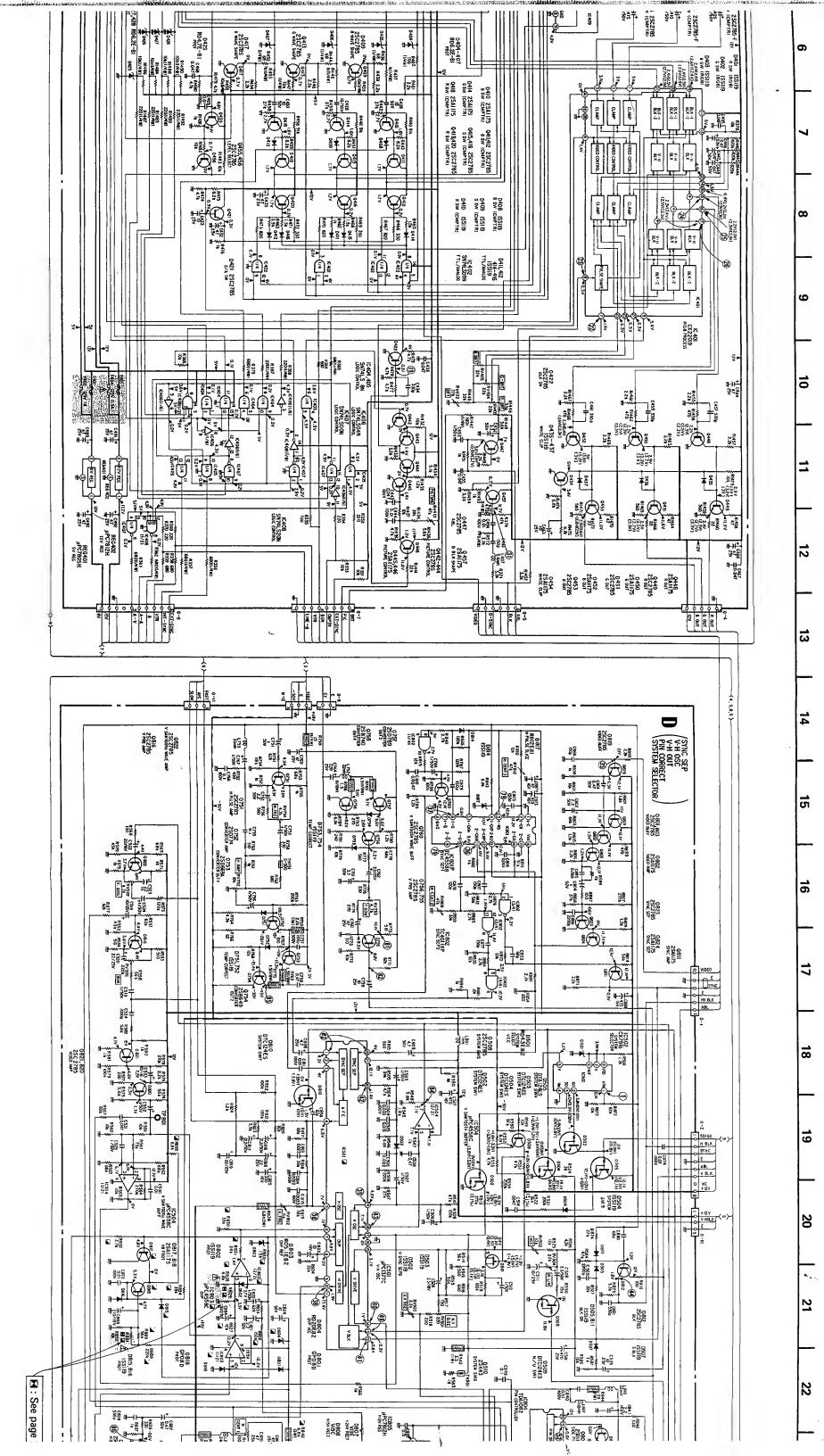


Ref.No	o. Part No.	Description				Remark	Ref.No.	Part No.	<u>Oescriptio</u>	<u>on</u>			Remark
R811 R812 R813 R814 R815	1-215-462-00 1-249-438-11 1-249-414-11 1-249-426-11 1-249-430-11	METAL CARBON CARBON CARBON CARBON	51K 56K 560 5.6K 12K	1% 5% 5% 5% 5%	1/6W 1/4W 1/4W 1/4W 1/4W		R865 R866 R867 <u>A</u> R868 R869	1-247-721-11 1-247-614-00 1-213-143-61 1-213-147-00 1-213-127-00	CARBON	E 2.2K	5%	1/4W 1/8W 1W 1W 1W	F F F F F
R816 R817 R818 R819 R820	1-249-405-11 1-249-440-11 1-215-458-00 1-249-430-11 1-249-440-11	CARBON CARBON CARBON CARBON CARBON	100 82K 36K 12K 82K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R870 R871 R872 R873 R874	1-249-435-11 1-249-421-11 1-249-440-11 1-249-429-11 1-249-434-11	CARBON CARBON CARBON CARBON CARBON	33K 2.2K 82K 10K 27K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R821 R822 R823 R824 R825	1-249-441-11 1-249-441-11 1-249-424-11 1-249-418-11 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	100K 100K 3.9K 1.2K 10K	5%	1/4W 1/4W 1/4W 1/4W 1/4W		R875 R876 R877 R878 R879	1-249-423-11 1-212-364-00 1-215-464-00 1-215-484-00 1-249-422-11	CARBON METAL OXIC CARBON CARBON CARBON		5% 5% 5% 5% 5%	1/4W 1W 1/4W 1/4W 1/4W	F
R826 R827 R828 ■R829 R830	1-215-473-00 1-215-447-00 1-215-441-00 A: 1-249-435-11	METAL METAL METAL CARBON CARBON	150K 12K 6.8K 33K	1%	1/6W 1/6W 1/6W 1/4W	ae engl	R880 R881 R882 R883 R884	1-249-421-11 1-249-429-11 1-249-417-11 1-249-422-11 1-249-422-11	CARBON CARBON CARBON CARBON CARBON	2.2K 10K 1K 2.7K 2.7K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R831 R832 R833 R834 R835	1-215-454-00 1-249-422-11 1-215-449-00 1-215-464-00 1-215-467-00	CARBON CARBON METAL METAL METAL	24K 2.7K 15K 62K 82K	5% 5% 1% 1% 1%	1/4W 1/4W 1/6W 1/6W 1/6W		R885 R886 R887 R888 R889	1-247-881-00 1-249-424-11 1-249-405-11 1-215-477-00 1-215-463-00	CARBON CARBON CARBON METAL METAL	3.9K 100	5% 5% 5% 1% 1%	1/4W 1/8W 1/4W 1/6W 1/6W	
R836 R837 R838 R839 R840	1-249-411-11 1-249-417-11 1-206-745-00 1-247-662-11 1-249-422-11	CARBON CARBON METAL OX IOE CARBON CARBON	330 1K 6.8K 560 2.7K	5% 5% 5% 5% 5%	1/4W 1/4W 3W 0.561/4W 1/4W	F		1-212-360-61 1-215-445-00 1-249-427-11 1-249-436-11	METAL				F 25.4
R841 R842 R843 R844 R845	1-212-361-00 1-206-745-61 1-249-427-11 1-213-126-00 1-215-465-00	METAL OXIOE METAL OXIOE CARBON METAL OXIOE METAL	1.2 6.8K 6.8K 39 68K		1W 		R895 R896 R897 R898 R899	1-249-421-11 1-249-417-11 1-215-436-00 1-249-417-11 1-249-413-11	CARBON CARBON CARBON CARBON CARBON	2.2K 1K 4.3K 1K 470	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R846	1-249-411-11	CARBON	330	5%	1/4W			VAR	IABLE RESIS	TOR			
R847 R848 R849	1-249-429-11 1-215-436-00 1-249-432-11	CARBON CARBON CARBON	10K 4.3K 18K	5%	1/4W 1/4W 1/4W			1-228-577-00		CARBON 220			
R850	1-215-434-00	CARBON	3.6K	5%	1/4W		RV503	1-226-848-00 1-226-852-00	RES, ADJ, RES, ADJ,	CARBON 2.2	2K		
R851	1-249-432-11	CARBON	18K	5%	1/4W		RV505	1-224-249-XX	RES, ADJ,	METAL GLAZ	ZE 1K		
R852 R853	1-249-433-11 1-249-424-11	CARBON CARBON	22K 3.9K	5% 5%	1/4W 1/4W		RV506	1-226-855-00	RES, ADJ,	CARBON 220)K		
R855	1-249-411-11	CARBON	330	5%	1/4W				RES, ADJ,				
R856	1-249-428-11	CARBON	8.2K	5%	1/4W			1-226-850-00 1-228-724-00	RES, ADJ, RES, ADJ,				
R857	1-249-441-11	CARBON	100K	5%	1/4W			1-226-850-00	RES, ADJ,				
R858	1-215-480-00	CARBON	300K	5%	1/4W	1			_				
R859 R860	1-249-435-11 1-217-418 - 00	CARBON FUS IBLE	33K 0.47	5% 10%	1/4W 1/2W	F .	RV802 RV803	1-228-160-11 1-226-849-00	RES, ADJ, RES, ADJ,				
R861	1-217-418-00	FUSIBLE	0.47					1-226-847-00	RES, ADJ,	CARBON 1K			
0000	1 044 000 00		1000	E~	1 / 214			1-226-845-00	RES, ADJ,				
R862 R863	1-244-923-00 1-244-923-00	CARBON CARBON	120K 120K		1/2W 1/2W		RV806	1-226-849-00	RES, ADJ,	CARBON 3.3	Ν		
R864	1-246-488-00	CARBON	4.3K		1/4W	i	RV807	1-226-848-00	RES, ADJ,	CARBON 2.2	2K		

 The components identified by in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used. The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.





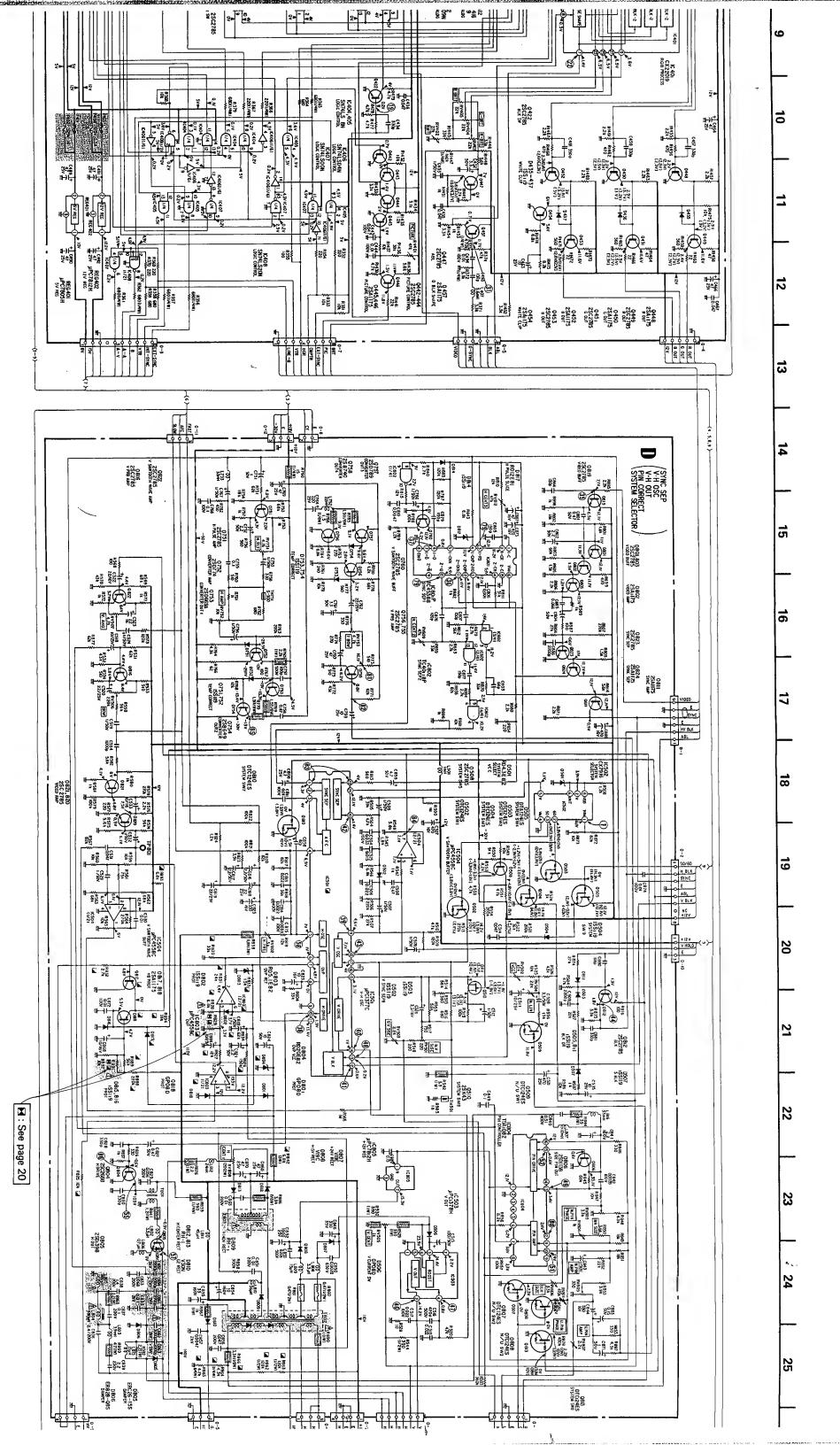


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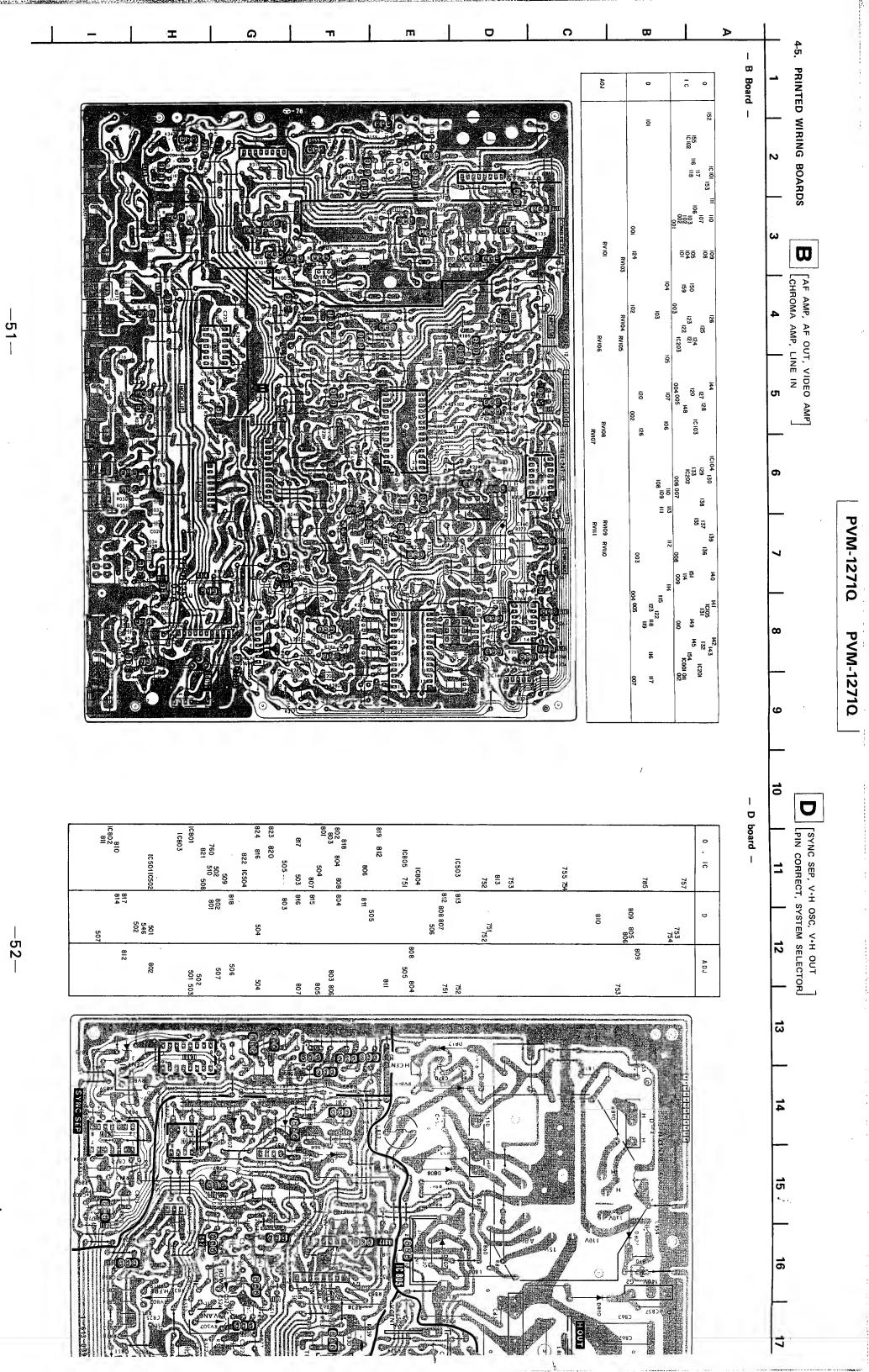
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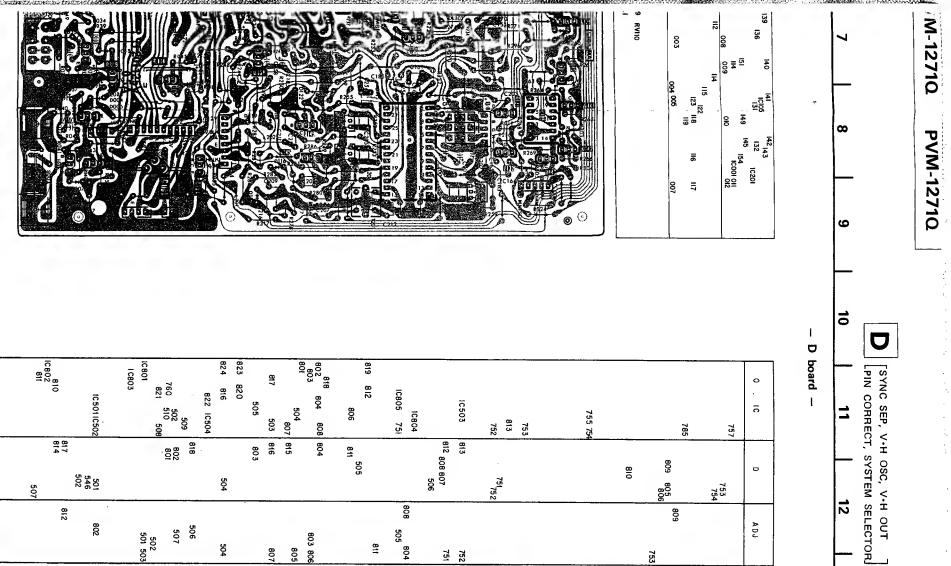
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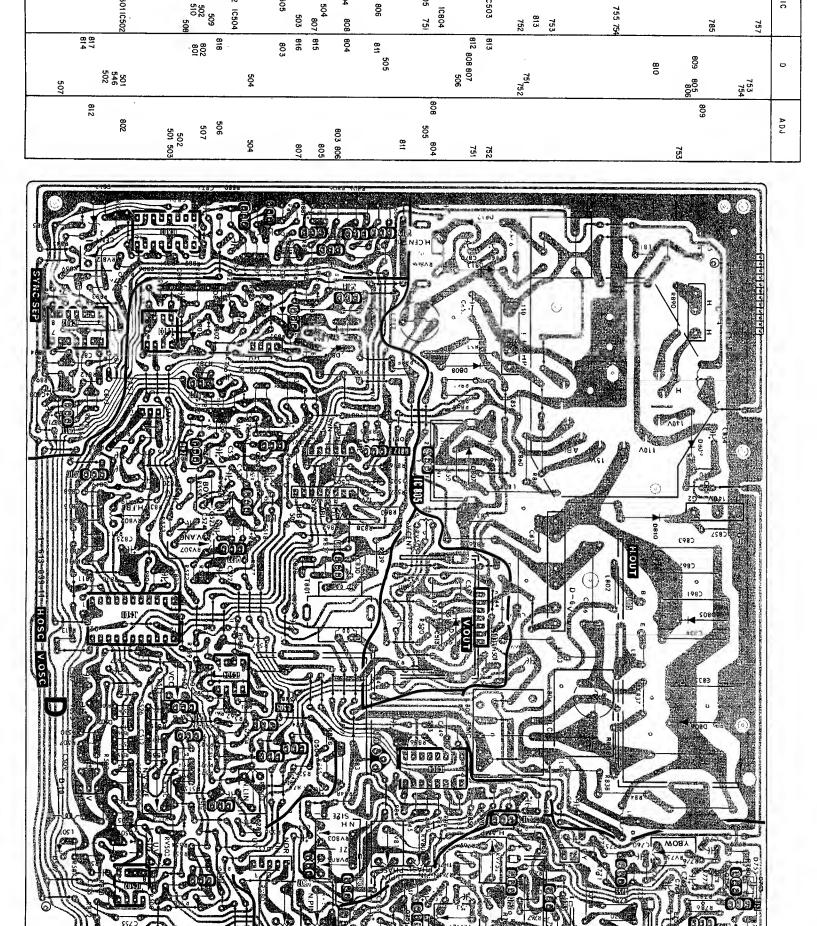
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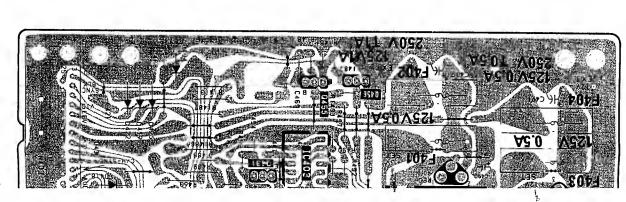
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C503

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SYNC OUT, R. G. B IN, AF IN, COMPTR IN	TR G B BEOCESS LOGIC CONTEON

— Q Board —

REG402 REG401 IC403 431

426,425 424 423

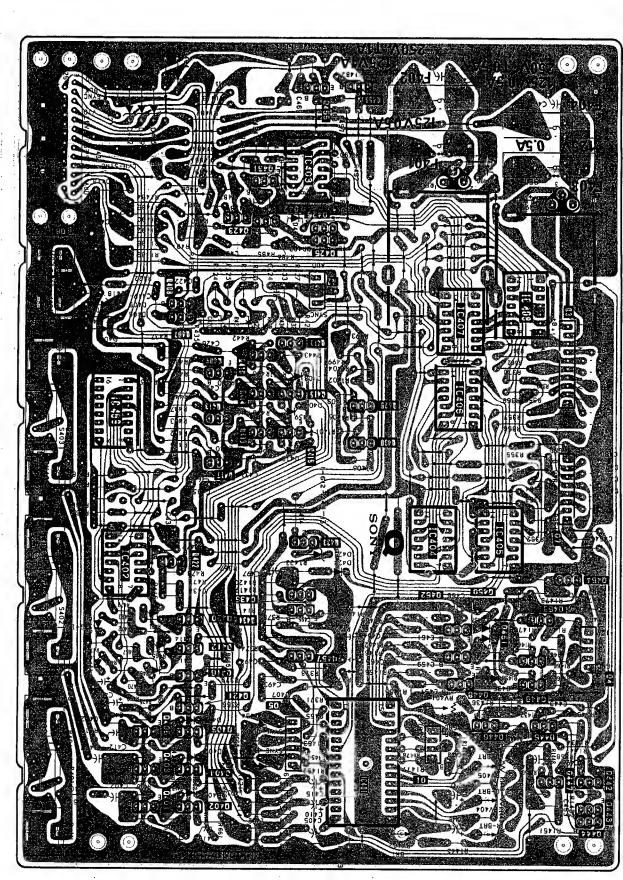
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405,406,407

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AD_ D	<u>.</u> 0
404 425 419 422	456 455



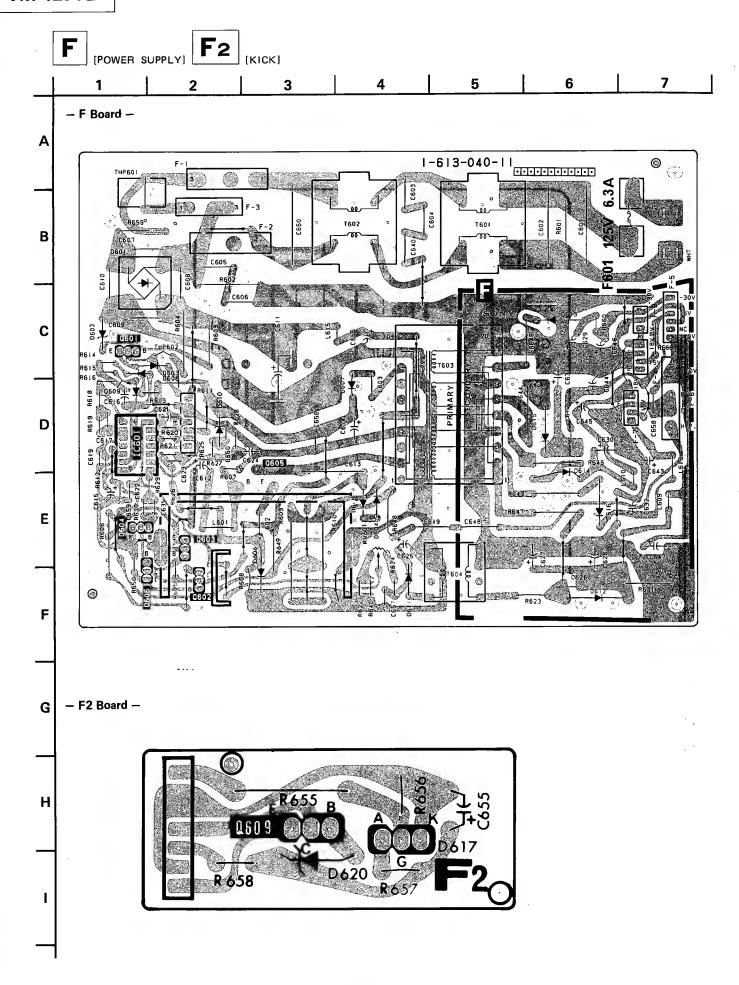
[CUSTOMER CONTROL, INPUT SIGNAL INDICATOR]

- H Board -1-613-041-11 C D Ε G

[R.G.B. OUT, R.G.B. DRIVE,] 5 3 - C1 Board -В D Ε F R732 0000000000 1-613-037-11 G

-56-

[COLOR TEMPERATURE SELECT] C2 6 - C2 Board -Α В C D Ε S 701 1-613-038-11 F G



4-6. SEMICON	IDUCTORS				
CX095E	μPC1241H	2SA1175 2SC2785	2SD1398 2SD1402	ERA81-004 ERB12-02RK GP08D	N13T1
SN74LS00N SN74LS04N SN74LS08N SN74LS09N SN74LS136N SN74LS20N TC4011BP	(Marking side view)	ice tree suits		cethode	anode t
TC4023BP TC4024BP μPC1394C μPD4024BC	μPC1377C	2SA733 2SA1015 2SC1815 2SC945	2SK105A	ERC24-06S RH-1 RH-1A RH-1Z SIB01-02	RGP15J
1413121110 9 8	22 00000000000000000000000000000000000		5 6 0	carbody	enode cethode
CX20061	μ PC1378H- L	2SA773 2SB740 2SD789	2SK43	ERC26-15S	S3WB60Z
1 2 3 4 5 b 7 8	7234567		o s o	cathode	Marking
CX22019 μPC1364C2 μPC1365C	μPC7805H μPC7812H	2SB649 2SC2688 2SD669	1SS119 1SS133 1SS148	ERC81-004	SG232D
28 28 28 28 28 28 28 28 28 28 28 28 28 2	Mana dur	E C B	cath ode	cothode	anode cathode
CX7916 NJM 4558D μPC4558C	2SA1026	2SB734 2SD774	1SS82 1SS83	ERD29-08J	SY432D
8 7 6 5 1 2 3 4 (Top view)	E C B	E C B	ERD28-08S RD4.3E-B1 RD4.3E-B2 RD4.7E-B1 RD5.1E-B2 RD6.2E-B1	cathode	anode cathode
HD14538BP SN74LS138N TC4538BP TDA1082	2SA1048 2SA1115 2SC2458 2SC2603 DTA124ES DTC124ES	2SC2929 2SC1134 2SD1138	RD6.2 E-N2 RD10 E-N2 RD12 E-B1 RD18 E-B2 RD20 E-B2 RD22 E-B3	GH3F U05G	V19B V19C V19E V30N
16 15 14 13 12 11 10 9		اق	cathode	cathode	anode

SECTION 5 EXPLODED VIEWS

NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- are seldom required for routine service.

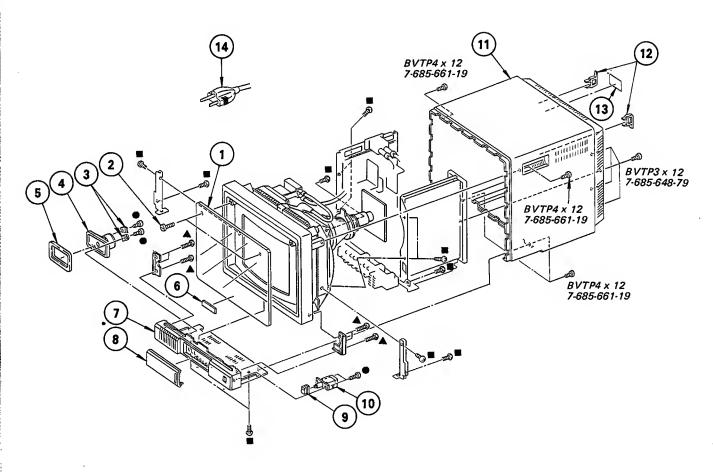
 The construction parts of an assembled part are indicated with a collation number in the remark column.

Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items. The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.

Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

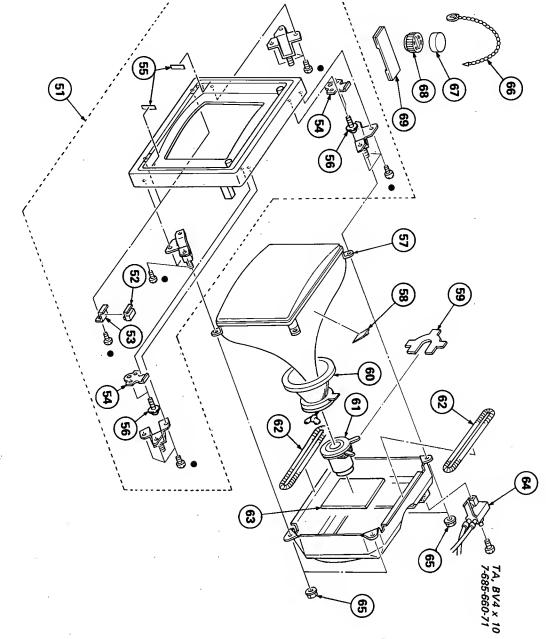
5-1, CABINET

■: TA, BV3 x 8 7-685-646-71 •: TA, BV3 x 12 7-685-648-71 Δ: TA, BV4 x 12 7-685-661-14



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1 2 3 4 5 6 7	*4-321-611-00 1-503-109-00 *4-364-741-00 *X-3701-079-0	SCREW, ORNAMENTAL CLAW, RETAINING, SPEAKER	8	11 12 A 13	.1-553-584-12 X-4365-404-1 .4-316-003-01	BUTTON, POWER SWITCH, PUSH (POWER) CABINET ASSY HOLDER, CORD LABEL, MODEL NUMBER (U/C)	12

•: TA, BV3 × 12 5-2. BEZEL 7-685-648-71



(B)



69 69 69 69 69

X-4364-702-0
4-336-80B-00
4-364-701-00
*4-341-905-00
9-911-837-XX
4-302-428-00
Δ-8-738-312-05
3-703-003-00

BEZEL ASSY
PROTECTOR, FILTER
HOLDER, FILTER
NUT, PLATE (A)
CUSHION (B), FILTER
HEAO, WASHER, TAPPING SCREW
CRI (330WB22)

SPACER, 0Y MAGNET, BMC DEFLECTION YOKE (SY-97A)

Part No.

Oescription

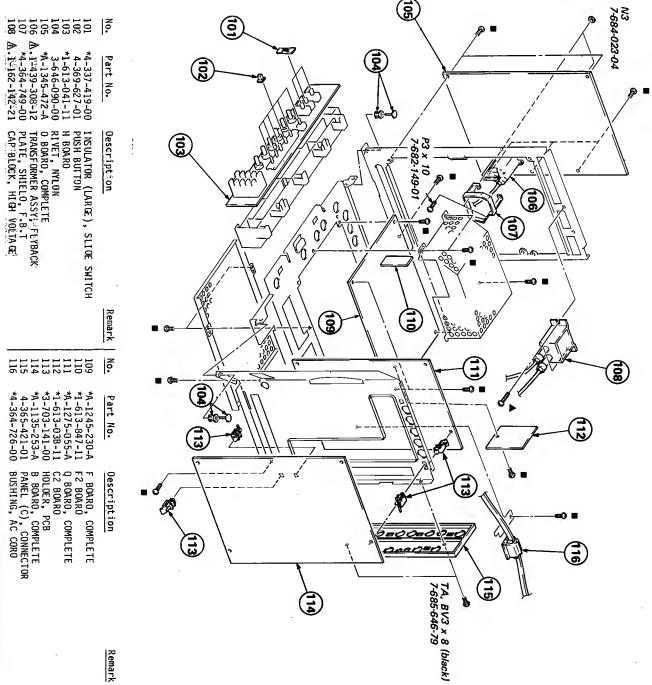
52-56

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro The components identified by shading and mark ∧are critical for safety.

Replace only with part number specified.

> ■: TA, BV3 x 8 ▲: TA, BV4 x 12 7-685-646-71 7-685-661-14

5-3. CHASSIS



Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié. The components identified by shading and mark ∧are critical for safety.
Replace only with part number specified.

61

ELECTRICAL PARTS LIST SECTION 6

W

W

Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

When indicating parts by reference number, please include the board name.

Remark

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS All resistors are in ohms F : nonflammable

ss composants identifiés par ne trame et une marque∧sont ritiques pour la sécurité. e les remplacer que par ne pièce portant le numéro pécifié.

CAPACITORS MF : µF, PF : µµF

COILS : MMH : MH, OH :

ቿ

ne components identified shading and mark Aare ritical for safety. Place only with part maber specified.

Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
A-1135-253-A	B BOARD, COMPLETE	**** ETE			C113 C114		CERAMIC ELECT	220PF 47MF	20% 20%	50V 16V
3-538-178-00	HEAT SINK					1-123-356-00 1-123-356-00 1-102-944-00				50V
CON	CONNECTOR									50v
1-560-124-00 1-560-224-00 1-560-124-00 1-560-128-00 1-560-156-00	PLOG, CONNECTOR PLOG, CONNECTOR PLOG, CONNECTOR PLOG, CONNECTOR PLOG, CONNECTOR PLUG. CONNECTOR	(2.5MM (2.5MM (2.5MM	PITCH)) 10P) 4P PITCH)		C121 C122 C122 C123 C124	1-102-944-00 1-102-944-00 1-102-944-00 1-123-380-00 1-123-356-00	CERAMI C CERAMI C ELECT ELECT	7PF 7PF 1MF 10MF	0.5PF 0.5PF 20%	50V 50V 50V 25V
1-560-290-00 1-560-124-00 1-560-124-00	PLUG, CONNECTOR PLUG, CONNECTOR PLUG, CONNECTOR	(2.5MM (2.5MM (2.5MM	PITCH) AP AP		C127 C128 C129 C130	1-101-004-00 1-123-380-00 1-123-356-00 1-123-380-00	CERAMIC ELECT ELECT ELECT	0.01MF 1MF 1OMF 1MF	20% 20% 20%	50V 50V 50V 50V
CAP	CAPACITOR									1000
1-123-356-00 1-123-356-00	ELECT		20%	25V 25V	C133 C134	1-123-332-00	, ()	47MF 7PF	퓌	16V
1-123-356-00 1-123-356-00 1-123-356-00	ELECT ELECT	TOWE TOWE	200 % % %	25V 25V				0.01MF 47PF		50V
1-123-380-00 1-106-212-00 1-123-356-00 1-123-356-00	ELECT ELECT ELECT	IMF 0.047MF 10MF 10MF	2012 002 002 003 003 003 003 003 003 003 00	50V 100V 25V 25V	C13/ C138 C139 C140 C141	1-102-959-00 1-101-004-00 1-108-579-00 1-123-381-00 1-161-025-00	CERAMIC CERAMIC MYLAR ELECT CERAMIC	22PF 0.01MF 0.01MF 2.2MF 0.1MF	10% % % %	50V 50V 50V 25V
1-123-356-00 1-123-380-00 1-106-212-00	ELECT ELECT MYLAR		20% 20%	25v 50v 100v	C142 C143 C144 C145	1-161-025-00 1-101-880-00 1-101-880-00 1-102-934-00	CERAMI C CERAMI C CERAMI C	0.1MF 47PF 47PF 1PF	10% 5% 5% 0.25PF	50V 50V 50V
1-123-380-00		IME	20%	50V		1 101 004 00				EOU :
1-123-356-00 1-123-356-00 1-123-356-00	ELECT ELECT		202 203 203 203 203 203 203 203 203 203	25V 25V 25V		1-101-004-00 1-123-356-00 1-101-004-00 1-101-004-00	CERAMIC ELECT CERAMIC CERAMIC	0.01ME 0.01WE 10WE	20%	50V 50V 50V
1-123-356-00 1-123-356-00	ELECT	10MF	20%	25V 25V	C151	_		0.01MF		50V
1-123-356-00 1-123-356-00 1-123-332-00 1-123-356-00	ELECT ELECT		202 204 204 204 204 204 204 204 204 204	25V 25V 25V	C152 C153 C156 C156	1-101-004-00 1-106-204-00 1-102-946-00 1-123-330-00 1-123-380-00	CERAMIC MYLAR CERAMIC ELECT ELECT	0.01MF 0.022MF 9PF 22MF	10% 0.5PF 20%	50V 100V 50V 25V
1-192 332-00	בן ברד		9 00	164	C158		ELECT	3.3MF		50V
1-123-332-00 1-123-332-00 1-102-961-00 1-102-973-00 1-123-356-00	ELECT CERAMIC CERAMIC	47MF 47MF 27PF 100PF	% % % % % % % % % % % % % % % % % % %	25V 50V 50V		1-102-115-00 1-102-971-00 1-102-971-00 1-101-361-00	000	560PF 82PF 150PF	2 % % % % O 1 C C C C C C C C C C C C C C C C C C	50V 50V
1-123-356-00 1-102-978-00 1-123-356-00 1-102-959-00	ELECT CERAMIC ELECT CERAMIC	71	1 2 2 3 2 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4	25V 50V 16V 50V	C163 C164 C165 C166 C167	1-102-971-00 1-121-257-00 1-101-361-00 1-101-888-00 1-101-006-00	CERAMI C ELECT CERAMI C CERAMI C CERAMI C	82PF 4.7MF 150PF 68PF 0.047MF	24.24 24 0.01 01	50V 50V 50V 50V
1-101-888-00 1-102-971-00			% % 9	50V	C169 C170 C172	1-106-220-00 1-123-380-00 1-101-888-00	MYLAR ELECT CERAMIC	0.1MF 1MF 68PF	10% 20% 5%	100V 50V 50V

C237 C238 C239	C232 C233 C234 C235 C236	C227 C228 C229 C230 C231	C222 C223 C224 C225 C225 C226	C217 C218 C219 C220 C221	C212 C213 C214 C215 C216	C207 C208 C209 C210 C211	C202 C203 C204 C205 C206	C188 C189 C190 C200 C201	C179 C180 C183 C184 C186	C173 C175 C176 C177 C177	Ref.No.
1-161-330-00 1-123-332-00 1-101-004-00	1-123-356-00 1-123-379-00 1-106-196-00 1-123-321-00 1-101-004-00	1-108-595-00 1-123-332-00 1-123-380-00 1-102-121-00 1-123-356-00	1-123-321-00 1-123-332-00 1-123-369-00 1-123-380-00 1-102-121-00	1-123-356-00 1-101-004-00 1-123-332-00 1-123-325-00 1-106-220-00	1-123-356-00 1-101-004-00 1-108-579-00 1-102-892-00 1-102-824-00	1-102-679-00 1-101-880-00 1-102-971-00 1-102-978-00 1-106-196-00	1-123-607-00 1-121-257-00 1-123-381-00 1-102-525-00 1-102-892-00	1-123-356-00 1-123-356-00 1-123-356-00 1-123-607-00 1-123-607-00	1-101-004-00 1-123-324-00 1-123-379-00 1-123-379-00 1-123-324-00	1-108-603-00 1-101-361-00 1-102-951-00 1-102-963-00 1-123-356-00	Part No.
CERAMIC ELECT CERAMIC	ELECT ELECT MYLAR ELECT CERAMIC	MYLAR ELECT ELECT CERAMIC ELECT	ELECT ELECT ELECT ELECT CERAM1 C	ELECT CERAMIC ELECT ELECT MYLAR	ELECT CERAMIC MYLAR CERAMIC CERAMIC	CERAMIC CERAMIC CERAMIC CERAMIC MYLAR	ELECT ELECT ELECT CERAMIC CERAMIC	ELECT ELECT ELECT ELECT	CERAMIC ELECT ELECT ELECT ELECT	MYLAR CERAMIC CERAMIC CERAMIC ELECT	Oescription
0.01MF 47MF 0.01MF	10MF 0.47MF 0.01MF 220MF 0.01MF	0.047MF 47MF 1MF 0.0022MF	220MF 47MF 4.7MF 1MF 0.0022MF	10MF 0.01MF 47MF 2200MF 0.1MF	10MF 0.01MF 0.01MF 22PF 470PF	120PF 47PF 82PF 220PF 0.01MF	0.1MF 4.7MF 2.2MF 68PF 22PF	10MF 10MF 10MF 0.1MF	0.01MF 1000MF 0.47MF 0.47MF 1000MF	0.1MF 150PF 15PF 33PF 10MF	
30% 20%	20% 20% 20%% 20%%	5 20% 20% 20% 20%	200 200 200 200 200 200 200 200 200 200	20% 20% 10%%	%%% O %%% O 0.000 N	0 0 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	550 X	22222 0224 8444 84444	200 200 204 204 204 204 204 204 204 204	% 0 % % % % % % % % % % % % % % % % % %	
25v 16v 50v	16V 100V 16V 50V	50V 25V 50V 50V 16V	16V 16V 25V 50V	25V 50V 25V 16V 100V	50V 50V 50V 50V	50V 50V 100V	50V 50V 50V	25V 25V 25V 50V	50V 50V 50V	50V 50V 50V 25V	Remark
1C102 1C101 1C101	F201.	DL101 DL102 DL103	D123 D123 D124 D125 D126							C244 C245 C246 C247 C247	Ref.No.
8-759-700-06 8-752-006-10 8-752-006-10	<u>Fuse</u> F201 <u>A</u> 1-532 <u>-624-11 Fuse</u> , Glass Tube 0 54-1254 <u>IC</u>	0EL 1-415-280-00 1-415-188-00 1-415-122-31	8-719-911-19 8-719-100-37 8-719-911-19 8-719-911-19	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	8-719-981-19 8-719-981-01 8-719-911-19 8-719-911-19 8-719-911-19	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	1-123-330-00 E DIODE 8-719-911-19 O	1-101-004-00 1-101-004-00 1-101-004-00 1-101-006-00 1-101-006-00	Part No.
IC UPC7812H IC CX20061 IC CX20061	EUSE GLASS	OELAY LINE (OO DELAY LINE (OO OELAY LINE,	DIODE 188119 DIODE RD6.2E OIODE 188119 OIODE 188119	SS1 SS1 SS1 SS1					OTODE OTODE ELECT	CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC	Oescription
	TUBE 0. 54-212	(1H) 1H (PAL)	-B1		·		004		22MF	0.01MF 0.01MF 0.01MF 0.047MF	
	5								20%		
									2 5V	50V 50V 50V	Rein

The components identified by shading and mark Aare critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Asont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

В

Dof No.	Dawt No	Oescription	Remark	lRef.No.	Part No.	Oescription		Remark
	Part No.		Kemark				CO1124	 ,
	8-759-113-65 8-759-240-24			Q114 Q116	8-729-313-42 8-729-204-83			
	8-759-240-23			0117	8-729-245-83			
IC201	8-759-100-15	IC UPC1364C		Q118	8-729-245-83			
IC202	8-759-101-77	IC OPC1241H		Q120	8-729-245-83	TRANSISTOR 2	SC2458	
10203	8-759-610-95	IC CX095F		0121	8-729-204-83	TRANSISTOR 2	SA 1048GR	
10200	0 ,03 010 20	10 CNOZGE		Q122	8-729-245-83			
	<u>TER</u>	MINAL BOARD		Q123 Q124	8-729-245-83 8-729-115-30			
J2	I-536-842-11	TERMINAL BOARD, INPUT/OUTPUT(A)		Q125	8-729-245-83			
				0126	8-729-115-30	TUANCICTOD 2	SV 1054 _20	
	<u>c01</u>	MICRO INOUCTUR 18UH MICRO INOUCTOR 18UH MICRO INOUCTOR 15UH MICRO INOUCTOR 27UH MICRO INOUCTUR 27UH MICRO INDUCTUR 27UH MICRO INDUCTOR 10UH MICRO INDUCTOR 22UH MICRO INOUCTOR 39UH MICRO INOUCTOR 18UH MICRO INOUCTOR 18UH MICRO INOUCTOR 5.6UH		Q126 Q127	8-729-115-30			
L101	1-408-412-0U	MICRO INDOCTUR 18UH		0128	8-729-115-30	TRANSISTOR 2	SK105A-30	
L102	1-408-412-00	MICRO INDUCTOR 18UH		Q129	8-729-245-83	TRANSISTOR 2	SC2458	
L103	1-408-411-00	MICRO INDUCTOR 15UH		Q130	8-729-245-83	TRANSISTUR 2	502458	
L104 L105	1-408-414-00	MICRO INDUCTOR 270H		0131	8-729-115-30	TRANSISTOR 2	SK1U5A-3U	
L100	1 100 111 00	712010 2110301311 47011		Q132	8-729-115-30	TRANSISTOR 2	SK105A-30	
L106	1-408-409-00	MICRO INDUCTOR 10UH		0133	8-729-245-83			
L107 L108	1-408-413-00	MICRO INDUCTOR 22UH		Q135 Q136	8-729-204-83 8-729-2U4-83			
L11U	1-408-412-00	MICRO INDUCTOR 18UH		1 7233				
L111	1-408-406-00	MICRO INOUCTOR 5.6UH		Q137	8-729-204-83			
L112	1 400 4110 011	MICRU INUUCTOR 8.2UH		Q138 Q139	8-729-204-83 8-729-245-83			
L112 L113	1 4110 226 1111	MICDO INHIICTOD SOUR		1 01411		TRANSISTOR 2		
L114	1-408-419-00	MICRO INUUCTOR 68UH		0141	8-729-204-83	TRANSISTOR 2	SA 1U48GR	
L2UI	1-408-247-00	MICRO INDUCTUR 33MMH		1 01/12	8-729-204-83	TDANCISTAD 2	CA 1048CD	
L2U2	1-408-163-00	MICKO INDUCTOR 5.0MMH		Q142 Q143	8-729-204-83	TRANSISTOR 2	SA 1048GR	
L203	1-408-414-UU	MICRO INUUCTUR 27UH		Q144	8-729-245-83	TRANSISTOR 2	SC2458	
				Q145		TRANSISTUR 2		
	<u>I RA</u>	MICRO INUUCTOR 68UH MICRO INUUCTUR 33MMH MICRO INUUCTUR 5.6MMH MICRO INUUCTUR 27UH NSISTOR TRANSISTOR 2SC2458 TRANSISTOR 2SA1U48GR TRANSISTOR 2SA1U48GR TRANSISTOR 2SA1048GR TRANSISTOR 2SA1048GR TRANSISTOR 2SC2458		Q148 	8-729-240-83	TRANSISTOR 2	362450	
Q0U1	8-729-245-83	TRANSISTOR 2SC2458		j Q149	8-729-204-83			
0002	8-729-204-83	TRANSISTOR 2SA1U48GR		0150	8-729-204-83 8-729-245-83	TRANSISTOR 2		
Q003 0004	8-729-204-83	TRANSISTUR ZSATU48GR		Q151 Q152		TRANSISTOR 2		
0005	8-729-245-83	TRANSISTOR 2SC2458		0153		TRANSISTOR 2		
•					0 700 045 03	TUANCICTOD 2	CC24E9	
Q006	8-729-2U4-83 8-729-204-83	TRANSISTOR 2SA1048GR TRANSISTOR 2SA1048GR		Q154 Q155		TRANSISTOR 2		
Q007 Q0U8	8-729-245-83	TRANSISTOR 2SC2458		Q159		TRANSISTOR 2		
Q009	8-729-204-83	TRANSISTOR 2SA1048GR		1				
Q010	8-729-245-83	TRANSISTOR 2SC2458			RES	ISTOR		
Q011	8-729-245-83	TRANSISTOR 2SC2458		R002	1-247-131-00	CARBON	1K 5%	1/4W
0012	8-729-204-83	TRANSISTOR 2SA1048GR		R003	1-247-865-00		27K 5%	I/6W
0101	8-729-245-83	TRANSISTOR 2SC2458 TRANSISTOR 2SC2458		R004 R005	1-247-845-00 1-247-839-00		3.9K 5% 2.2K 5%	1/6W 1/6W
Q102 Q1U3	8-729-245-83 8-729-245-83	TRANSISTOR 25C2458		R005	1-247-875-00	CARBON	68K 5%	1/6W
				ĺ				
0104	8-729-245-83	TRANSISTOR 2SC2458		R007 R009	1-247-863-00 1-247-850-00	CARBON CARBON	22K 5% 6.2K 5%	1/6W 1/6W
Q105 Q1U6	8-729-245-83 8-729-245-83	TRANSISTOR 2SC2458 TRANSISTUR 2SC2458		R010	1-247-850-00	CARBON	6.2K 5%	1/6W
Q100	8-729-245-83	TRANSISTOR 2SC2458		R011	1-247-850-00	CARBON	6.2K 5%	1/6W
Q108	8-729-245-83	TRANSISTOR 2SC2458		R012	1-247-871-00	CARBON	47K 5%	1/6W
Q1U9	8-729-204-83	TRANSISTOR 2SA1U48GR		 R013	1-247-877-0U	CARBON	82K 5%	1/6W
Q110	8-729-245-83	TRANSISTOR 2SC2458		R014	1-247-885-0U	CARBON	180K 5%	1/6W
Q111	8-729-245-83	TRANSISTUR 2SC2458		R015	1-247-873-00	CARBON	56K 5%	1/6W



Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	<u>Description</u>				Remark
R016 R017 R019 R020 R021	1-247-831-00 1-247-104-00 1-247-104-00 1-247-865-00 1-247-845-00	CARBON CARBON CARBON CARBON CARBON	1K 75 75 27K 3.9K	5% 5% 5% 5% 5%	1/6W 1/4W 1/4W 1/6W 1/6W		 R114 R115 R116 R117 R118	1-247-827-00 1-247-835-00 1-247-803-00 1-247-827-00 1-247-827-00	CARBON CARBON CARBON CARBON CARBON	680 1.5K 68 680 680	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R022 R023 R024 R025 R026	1-247-863-00 1-247-875-00 1-247-850-00 1-247-871-00 1-247-173-00	CARBUN CARBUN CARBUN CARBUN	22K 68K 6.2K 47K 56K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/4W		R119 R120 R121 R122 R123	1-247-807-00 1-247-827-00 1-247-827-00 1-247-807-00 1-247-831-00	CARBON CARBON CARBON CARBON CARBON	100 680 680 100 1K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R027 R028 R029 R030 R031	1-247-877-00 1-247-885-00 1-247-855-00 1-247-885-00 1-247-877-00	CARBON CARBON CARBON CARBON CARBON	82K 180K 10K 180K 82K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R124 R125 R126 R127 R128	1-247-823-00 1-247-831-00 1-247-807-00 1-247-827-00 1-247-814-00	CARBON CARBON CARBON CARBON CARBON	470 1K 100 680 200	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R032 R033 R034 R035 R036	1-247-871-00 1-247-863-00 1-247-875-00 1-247-831-00 1-247-104-00	CARBON CARBON CARBON CARBON CARBON	47K 22K 68K 1K 75	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/4W		R129 R130 R131 R132 R133	1-247-835-00 1-247-827-00 1-247-823-00 1-247-837-00 1-247-799-00	CARBON CARBON CARBON CARBON CARBON	1.5K 680 470 1.8K 47	5% 5% 5% 5% 5%	1/5W 1/6W 1/6W 1/6W 1/6W	
R037 R038 R039 R040 R041	1-247-865-00 1-247-845-00 1-247-850-00 1-247-875-00 1-247-104-00	CARBON CARBON CARBON CARBON CARBON	27K 3.9K 6.2K 68K 75	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/4W		R135 R136 R137 R138 R140	1-247-816-00 1-247-839-00 1-247-861-00 1-247-843-00 1-247-863-00	CARBON CARBON CARBON CARBON CARBON	240 2.2K 18K 3.3K 22K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R042 R043 R045 R046 R049	1-247-865-00 1-247-878-00 1-247-855-00 1-247-853-00 1-247-873-00	CARBON CARBON CARBON CARBON CARBON	27K 91K 10K 8.2K 56K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R141 R143 R146 R147 R148	1-247-863-00 1-247-807-00 1-247-803-00 1-247-835-00 1-247-835-00	CARBON CARBON CARBON CARBON CARBON	22K 100 68 1.5K 1.5K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R051 R052 R053 R054 R055	1-247-839-00 1-247-807-00 1-247-871-00 1-247-871-00 1-247-877-00	CARBON CARBON CARBON CARBON CARBON	2.2K 100 47K 47K 82K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R149 R150 R151 R152 R153	1-247-863-00 1-247-829-00 1-247-823-00 1-247-829-00 1-247-843-00	CARBON CARBON CARBON CARBON CARBON	22K 820 470 820 3.3K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R056 R061 R062 R063 R100	1-247-159-00 1-247-226-00 1-247-133-00 1-247-791-00 1-247-853-00	CARBON CARBON CARBON CARBON CARBON	15K 270 1.2K 22 8.2K	5% 5% 5% 5%	1/4W 1/2W 1/4W 1/6W 1/6W		R154 R155 R156 R157 R158	1-247-863-00 1-247-855-00 1-247-867-00 1-247-867-00 1-247-875-00	CARBON CARBON CARBON CARBON CARBON	22K 10K 33K 33K 68K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R101 R102 R103 R104 R105	1-247-869-00 1-247-815-00 1-247-833-00 1-247-819-00 1-247-827-00	CARBON CARBON CARBON CARBON CARBON	39K 220 1.2K 330 680	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R159 R160 R161 R162 R165	1-247-827-00 1-247-869-00 1-247-B55-00 1-247-871-00 1-247-903-00	CARBON CARBON CARBON CARBON CARBON	680 39K 10K 47K 1M	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	. •
R106 R107 R108 R109 R110	1-247-843-00 1-247-849-00 1-247-855-00 1-247-823-00 1-247-823-00		3.3K 5.6K 10K 470 470	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R167 R168 R170 R171 R171	1-247-835-00 1-247-867-00 1-247-859-00 1-247-879-00 1-247-847-00	CARBON CARBON	1.5K 33K 15K 100K 4.7K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R111 R112 R113	1-247-839-00 1-247-827-00 1-247-817-00	CARBON CARBON CARBON	2.2K 680 270	5% 5% 5%	1/6W 1/6W 1/6W		R176 R177 R178	1-247-887-00 1-247-879-00 1-247-883-00	CARBON CARBON CARBON	220K 100K 150K	5% 5% 5%	1/6W 1/6W 1/6W	

В

Ref.No. Part No.	Oescription				Remark	Ref.No.	Part No.	<u>Oescription</u>				Remark
R179 1-247-875-00 R180 1-247-831-00 R181 1-247-855-00 R182 1-247-871-00 R183 1-247-843-00	CARBON CARBON CARBON CARBON CARBON	68K 1K 10K 47K 3.3K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		 R234 R235 R236 R237 R238	1-247-815-00 1-247-823-00 1-247-807-00 1-247-815-00 1-247-867-00	CARBON CARBON CARBON CARBON CARBON	220 470 100 220 33K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R184 1-247-833-00 R185 1-247-877-00 R186 1-247-823-00 R187 1-247-865-00 R188 1-247-867-00	CARBON CARBON CARBON CARBON CARBON	1.2K 82K 470 27K 33K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R239 R240 R241 R242 R243	1-247-877-00 1-247-841-00 1-247-863-00 1-247-854-00 1-247-857-00	CARBON CARBON CARBON CARBON CARBON	82K 2.7K 22K 9.1K 12K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R189 1-247-875-00 R190 1-247-867-00 R191 1-247-871-00 R192 1-247-839-00 R193 1-247-845-00	CARBON CARBON CARBON CARBON CARBON	68K 33K 47K 2.2K 3.9K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R244 R245 R246 R247 R248	1-247-843-00 1-247-849-00 1-247-855-00 1-247-859-00 1-247-839-00	CARBON CARBON CARBON CARBON CARBON	3.3K 5.6K 10K 15K 2.2K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R194 1-247-859-00 R195 1-247-839-00 R196 1-247-865-00 R197 1-247-827-00 R198 1-247-827-00	CARBON CARBON CARBON CARBON CARBON	15K 2.2K 27K 680 680	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		 R249 R250 R251 R252 R253	1-247-871-00 1-247-885-00 1-247-849-00 1-247-853-00 1-247-843-00	CARBON CARBON CARBON CARBON CARBON	47K 180K 5.6K 8.2K 3.3K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R199 1-247-831-00 R200 1-247-879-00 R201 1-247-903-00 R202 1-247-903-00 R203 1-247-855-00	CARBON CARBON CARBON CARBON CARBON	1K 100K 1M 1M 10K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		 R254 R255 R256 R258 R259	1-247-855-00 1-247-831-00 1-247-853-00 1-247-839-00 1-247-853-00	CARBON CARBON CARBON CARBON CARBON	10K 1K 8.2K 2.2K 8.2K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R204 1-247-855-00 R205 1-247-855-00 R206 1-247-875-00 R207 1-247-815-00 R208 1-247-855-00	CARBON CARBON CARBON CARBON CARBON	10K 10K 68K 220 10K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		 R260 R261 R262 R263 R264	1-247-875-00 1-247-855-00 1-247-879-00 1-247-855-00 1-247-875-00	CARBON CARBON CARBON CARBON CARBON	68K 10K 100K 10K 68K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R209 1-247-867-00 R210 1-247-815-00 R211 1-247-815-00 R212 1-247-845-00 R213 1-247-815-00	CARBON CARBON CARBON CARBON CARBON	33K 220 220 3.9K 220	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		 R265 R266 R267 R268 R269	1-247-855-00 1-247-855-00 1-247-875-00 1-247-875-00 1-247-855-00	CARBON CARBON CARBON CARBON CARBON	10K 10K 68K 68K 10K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R214 1-247-815-00 R215 1-247-847-00 R216 1-247-879-00 R217 1-247-879-00 R218 1-247-855-00	CARBON CARBON CARBON CARBON CARBON	220 4.7K 100K 100K 10K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		 R270 R271 R272 R273 R274	1-247-827-00 1-247-179-00 1-246-517-25 1-246-545-00 1-247-171-00	CAR8ON CARBON CARBON CARBON CARBON	680 100K 68K 1M 47K	5% 5% 5% 5% 5%	1/6W 1/4W 1/4W 1/4W 1/4W	
R219 1-247-849-00 R220 1-247-867-00 R221 1-247-867-00 R222 1-247-875-00 R223 1-247-849-00	CARBON CARBON CARBON CARBON CARBON CARBON	5.6K 33K 33K 68K 5.6K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R275 R276 R277 R277 R278 R279	1-247-855-00 1-247-859-00 1-247-829-00 1-247-839-00 1-247-167-00	CARBON CARBON CARBON CARBON CARBON	10K 15K 820 2.2K 33K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/4W	
R224 1-247-891-00 R225 1-247-879-00 R226 1-247-878-00 R228 1-247-835-00 R230 1-247-847-00	CARBON CARBON CARBON	330K 100K 91K 1.5K 4.7K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R280 R281 R282 R282 R283 R284	1-247-871-00 1-247-859-00 1-247-839-00 1-247-847-00 1-247-853-00	CARBON CARBON CARBON CARBON CARBON	47K 15K 2.2K 4.7K 8.2K	5% 5% 5% 5% 5%	1/6W 1/6W 1/8W 1/6W	F
R231 1-247-873-00 R232 1-247-821-00 R233 1-247-815-00	CARBON	56K 390 220	5% 5% 5%	1/6W 1/6W 1/6W		R285 R286 R287	1-247-843-00 1-247-843-00 1-247-903-00	CARBON CARBON CARBON	3.3K 3.3K 1M	5% 5% 5%	1/6W 1/6W 1/6W	



Ref.No. Part No.	Oescription		Remark	Ref.No.	Part No.	Description			Remark
R288 I-247-879-00 R290 l-247-855-00 R291 l-247-855-00 R292 l-247-071-00 R293 l-247-841-00	CARBON 1000 CARBON 1000 CARBON 1000 CARBON 1 CARBON 2.7	5% 5% 5%	1/6W 1/6W 1/6W 1/4W 1/6W	 S1 S2 S3	1-553-725-00	TCH SWITCH, SLIDE SWITCH, SLIDE SWITCH, SLIDE			
R294 1-247-807-00 R295 1-247-855-00 R296 1-247-179-00 R297 1-247-871-00 R298 1-247-871-00	CARBON 10C CARBON 10K CARBON 10C CARBON 47K CARBON 47K CARBON 47K	K 5% OK 5% K 5% K 5%	1/6W 1/6W 1/4W 1/6W 1/6W	 T101 T102 T103 T104 T201	1-408-513-00 1-409-193-00	NSFORMER COIL (VARIABL COIL 3.58MHZ COIL 3.58MHZ TRANSFOMER, D TRANSFORMER	TRAP TRAP		
R301 1-247-658-00 R302 1-247-871-00 R303 1-247-827-00 R304 1-247-827-00	CARBON 47	5% (5%) 5 %	1/4W F 1/6W 1/6W 1/6W	 T202 T203 T204		COIL, VARIABL COIL, VARIABL COIL (VARIABL	.E		
R305 1-247-827-00 R306 1-247-883-00 R307 1-247-819-00 R308 1-247-865-00 R309 1-247-815-00	CARBON 150	DK 5% D 5% C 5%	1/6W 1/6W 1/6W 1/6W 1/6W		1-800-070-XX 1-800-626-00	THERMISTOR	1-4700		
R310 1-247-843-00 R311 1-247-872-00 R312 1-247-839-00 R313 1-247-847-00 R314 1-247-867-00	CARBON 2.2 CARBON 4.2	< 5% 2K 5% 7K 5%	1/6W 1/6W 1/6W 1/6W 1/6W	X101 X102 ******	1-527-396-00	STAL CRYSTAL, OSC CRYSTAL, OSC	*****	*****	*****
R315 1-247-835-00 R316 1-247-835-00 R317 1-247-127-00 R318 1-247-813-00	CARBON 1.5 CARBON 1.5 CARBON 680	5K 5% 0 5%	1/6W 1/6W 1/4W 1/6W			F 80ARD, COMF ************************************			
R319 1-247-823-00 R322 1-247-851-00 R324 1-247-127-00 R325 1-247-855-00 R326 1-247-845-00 R328 1-247-837-00	CARBON 470 CARBON 681 CARBON 688 CARBON 100 CARBON 3.5	BK 5% 0 5% K 5% 9K 5%	1/6W 1/4W 1/4W 1/6W 1/6W 1/6W	C602 A C603 A C604 A	0.1-108-745-52 0.1-108-745-52 0.1-161-953-51 0.1-161-953-51 0.1-161-953-51	MYLAR CERAMIC CERAMIC	0.22MF 0.22MF 0.0047MF 0.0047MF	20% 20% 20% 20% 20%	125V 125V 400V 400V 400V
R329 1-247-845-00 R332 1-247-873-00 R348 1-247-857-00 R349 1-247-855-00	CAR8ON 3.6 CAR8ON 560 CAR8ON 120	9K 5% K 5% K 5%	1/6W 1/6W 1/6W 1/6W	C607 A C608 C609	1-161-953-51 1-161-953-51 1-161-953-00 1-161-953-00 1-161-953-51 1-161-953-51	CERAMIC CERAMIC CERAMIC	0.0047MF 0.0047MF 0.0047MF 0.0047MF 0.0047MF	20% \$ 20% \$ 20% 20% 20% 20% 20% 20% 20% 20% 20% 20%	400V 400V 400V 400V 400V
VAF	RIABLE RESISTOR			C611 C612	1-125-260-00 1-123-335-00	ELECT (BLOCK) ELECT	470MF 330MF	20%	200V 25V
RV101 1-226-845-00 RV103 1-226-849-00 RV104 1-226-852-00 RV105 1-226-852-00	RES, ADJ, CARBON	3.3K 22K		C613 C614 C615	1-136-071-00 1-123-337-00 1-123-333-00	FILM ELECT	0.0057MF 1000MF 100MF	3% 20% 20%	2KV 25V 16V
RV106 1-226-849-00 RV107 1-22B-724-00 RV108 1-226-850-00 RV109 1-226-850-00	RES, ADJ, CARBON RES, AOJ, CARBON RES, AOJ, CARBON RES, ADJ, CARBON	3.3K 10K 4.7K 4.7K	·	C616 C617 C619 C621 C622	1-123-381-00 1-102-125-00 1-106-180-00 1-123-356-00 1-102-121-00	CERAMIC MYLAR ELECT	2.2MF 0.0047MF 0.0022MF 10MF 0.0022MF	20% 10% 10% 20% 10%	50V 50V 100V 16V 50V
RV110 1-226-846-00 RV111 1-226-853-00	RES, ADJ, CARBON	470 47K		C623 C624 C625 C626	1-101-004-00 1-123-381-00 1-123-380-00 1-102-095-00	ELECT ELECT	0.01MF 2.2MF 1MF 330PF	20% 20% 20%	50V 50V 50V 1KV

The components identified by shading and mark A are critical for safety.
Replace only with part number specified.

Ref.No. Part No.	Description		<u> </u>	Remark	Ref.No.	Part No.	Description			Remark
C627 1-123-024-00 C628 1-123-024-00 C629 1-123-360-00 C630 1-123-998-00	ELECT 3: ELECT 1: ELECT 4	70MF 20	16 0% 50 0% 2!	60V 60V 0V 5V 5V	 IC601	<u>IC</u> 8-759-100-75 COI				
C631 1-123-998-00 C632 1-123-323-00 C635 1-102-123-00 C640 1-161-953-51 C643 1-123-333-00 C644 1-123-334-00	ELECT 4 CERAMIC 0 CERAMIC 0 ELECT 1	70MF 20 -0033MF 10 -0047MF 20 00MF 20	0% 16 0% 50 0% 40	6V 0V_ 00V: 6V 5V	 L601 L602 L603 L609 L610	1-408-225-00 1-407-365-00 1-407-687-00	MICRD INDOCTOR COIL, CHDKE (HI MICRO INDUCTOR CDIL (WITH CORE COIL (WITH CDRE	GH FREQUENC 3.3UH) 45MH	Υ)	
C645 1-123-334-00 C646 1-123-359-00 C647 1-123-024-00 C648 A-1-161-742-12 C649 A-1-161-742-12	ELECT 23 ELECT 4 ELECT 3	7MF 2	0% 50 10	5V OV 60V 00V	 L612 L613 L615 	1-407-6B7-00 1-407-364-00	CDIL (WITH CORE MICRO INDOCTOR COIL, SPOOK CHO	3.3UH		
C650 A-1-108-745-52 C656 1-101-004-00 C657 1-101-004-00 C658 1-108-429-00 C659 1-102-820-D0	MYLAR O CERAMIC O CERAMIC D MYLAR O		50 50 0% 20	25V: OV OV OOV OV	Q601 Q602 Q603 Q604	8-729-168-82 8-729-313-82 *4-347-706-00 8-729-103-43 8-729-177-43	TRANSISTOR 2SC2 TRANSISTOR 2SD1 HEAT SINK (TR), TRANSISTOR 2SB7 TRANSISTOR 2SD7	138 0602 34		
C660 1-101-004-00 C665 1-123-027-00	ELECT 2	.01MF .2MF		0V 50V	 Q605 Q606	4-363-414-00 *4-367-204-00	TRANSISTDR 2S01 SPACER, MICA, Q HOLOER (REG OOT TRANSISTOR 2SD7	605), TRANSFUR	MER, C	1605
0602 8-719-100-77 D603 8-719-911-55 D6D4 8-719-924-D6 D6D5 8-719-924-D6 D606 8-719-911-55 D607 8-719-300-76 D608 8-719-102-74 D609 8-719-100-87 D611 8-719-901-83 D612 8-719-901-83 D613 8-719-901-93 D614 8-719-901-93 D615 8-719-981-00 D616 8-719-981-00 C00 F1 *1-506-349-21 F3 *1-508-765-00	010DE U05G 010DE ERC24-06: 0100E ERC24-06: 010DE U05G 010DE RH-1A 0100E RD6.2E-N 0100E 1SS83 D100E RD22E-B3 D100E ERC81-00 010DE ERC81-00 010DE ERC81-D0 NECTOR 3P PLUG (L) 3P PLUG (M) PLUG (M)	SS SS 33 34 94 98 (2.5MM PIT			R602	1-202-727-51 1-202-730-11 1-244-919-51 1-246-671-D0 1-247-847-00 1-217-266-00 1-247-805-00 1-207-904-00 1-217-320-11 1-217-320-11 1-213-145-00 1-247-870-00 1-247-819-00 1-215-437-00 1-247-8481-00 1-247-881-00 1-247-885-00 1-247-865-00 1-247-855-00 1-215-441-00 1-215-456-D0	CARBON BETAL DXIOE CARBON 4 WIREWDOND CARBON BUREWDUND DWIREWDUND GOVERN ACARBON ACARBON ACARBON CARBON 2M 10% 52K 5% 5% 5% 5% 5% 10% 5% 10% 80 10% 80 10% 5% 5% 3K 5% 3K 5% 3K 5% 3K 5% 3K 5% 3K 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/2W 1/2W 1/2W 2W 1/6W 3W 1/6W 2W 5W 5W 1/6W 1/6W 1/6W 1/6W 1/6W 1/6W 1/6W	F F F	
F6D1 M 1-532+656-11					R625 R626 R627 R628	1-247-855-00 1-247-807-00 1-247-B71-00 1-247-831-00	CARBON 1 CARBON 4	OK 5% OO 5% F7K 5%	1/6W 1/6W 1/6W	
	HOLOER, FUSE,				R629	1-247-829-00		20 5%	1/6W	

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.



Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description			Remark
R630 R631	1-247-815-00 1-213-163-00	METAL OXIOE	220 47K 100	5% 5% 5%	1/6W 1W 1/8W	F	 	*A-1275-055-A	Q BOARD, COM			
R632 BR640 <u>A</u> R643	1-247-807-00	CARBON METAL METAL OXIOE	0.22	5% 5%	1/6W 1W	F	<u> </u> 	1-408-408-00 1-536-843-11 *4-603-275-00	MICRO INDOCT TERMINAL BOA LOCK, SCREW		OTPOT (B))
R644 R645	1-217-418-00 1-212-356-00	FOSIBLE METAL OXIDE	0.47 0.47	10% 5%	1/2W 1W	F F			AC1TOR			
R646		METAL OXIDE	0.47	5%	1W	F	i					
R647	1-212-352-00		0.22	5%	1W	F	C402	1-123-356-00	ELECT	10MF	20%	25V
R648	1-202-841-00		180K		1/2W		C403	1-102-949-00	CERAMIC	12PF	5%	50 V
		-					C405	1-123-380-00	ELECT	1MF	20%	50V
R649	1-202-433-35	SOLIO	120K	10%	1/4W		C407	1-123-356-00	ELECT	10MF	20%	25V
R650	1-247-831-00	CARBON	1K	5%	1/6W		C408	1-102-949-00	CERAMIC	12PF	5%	50 V
R659 🛧	1-217-286-11	· WIREWOONO WAS	11 - J		35₩ 13.5-			1 102 200 00	FLECT	1MF	20%	50V
R660	1-247-692-11	CARBON	22	5%	1/4W	F	C410	1-123-380-00			20% 20%	25V
R665	1-247-173-00	CARBON	56K	5%	1/4W		C412		ELECT	10MF 12PF	5%	50V
			00	-~	1.00	-	C413	1-102-949-00 1-123-380-00	CERAMIC	1MF	20%	50V
R666	1-247-791 - 00	CARBUN	22	5%	1/8W	F	C415 C417	1-123-380-00		47MF	20%	257
	VAR	RIABLE RESISTOR	₹				(41/					
	•						C419	1-106-212-00		0.047MF	10%	100V
RV601	1-224-249-XX	RES, ADJ, MET	AL GLA	ZE 1K			C420		ELECT	1MF	20%	507
							C422	1-106-212-00		0.047MF	10%	1007
	<u>TRA</u>	NSFORME <u>r</u>					C423	1-123-380-00	ELECT	1MF	20%	50V 16V
T 601 (A	1-421-550-21	TUNNSFORMER	SLINEAE	TETER	CONTY:		C424	1-123-323-00	ELECT	470MF	20%	104
T602 A	3.1-421-556-21	TRANSFORMER	14 NF	LETER	(LET)		C426	1-123-234-00	ELECT	10MF	20%	50 V
	1-421-692-11				1-1		C428	1-123-234-00	ELECT	10MF	20%	50V
T 604 A	.1-421-678-11	TRANSFORMER.	PULS :	1,539			C430	1-123-234-00	ELECT	10MF	20%	50V
10012		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					C432	1-123-332-00	ELECT	47MF	20%	25V
	THE	RMISTOR					C433	1-123-356-00	ELECT	10MF	20%	25V .
ATHREA1	1.1-800-686-32	THERMISTOR (F	OSLITA	(F.)			C434	1-102-820-00	CERAMIC	330PF	5%	50V
	2 1-806-449-11						C435	1-123-332-00	ELECT	47MF	20%	25V
1711 002	1-000-113-11	1112141201011 (1					C436	1-101-006-00	CERAMIC	0.047MF		50V
*****	*****	******	*****	*****	*****	*****	C437	1-123-234-00	ELECT	10MF	20%	50V
							C438	1-123-369-00	ELECT	4.7MF	20%	25V
	*1-613-847-11	F2 B0AR0					 C441	1-101-006-00	CERAMIC	0.047MF		50V
							C443	1-106-212-00	MYLAR	0.047MF	10%	100V
	*1_564_315_00	PIN ASSY, BOA	RO TO	ROA RO	7P		C444	1-106-196-00		0.01MF	10%	1007
	1-304-313-00	FIR A331, Bur	110 10	DOMINO	**		C446	1-123-379-00	ELECT	0.47MF	20%	50V
	CAF	PACITOR					C447	1-123-379-00	ELECT	0.47MF	20%	50 V
C655	1-123-381-00	ELECT	2.2MF		20%	50V	 C448	1-123-379-00	ELECT	0.47MF	20%	50V
							C452	1-123-382-00		3.3MF	20%	50V
	010	00E					C453	1-123-228-00	ELECT	1MF	20%	50V
							C455	1-101-006-00	CERAMIC	0.047MF	F. ex	50V
0617		TRANSISTOR NI					C457	1-102-820-00	CERAMI C	330PF	5%	50V
0620	8-719-102-90	0100E RD10E-N	12				 C459	1-102-820-00	CERAMIC	330PF	5%	50V
	TIM	ANS1STOR					C461			330PF	5%	50V
	<u> </u>	MOTOTOK					C463	1-123-356-00		10MF	20%	25V
0609	8_720_245_83	TRANSISTOR 25	SC2458				C464	1-123-332-00	ELECT	47MF	20%	25V .
Q003			, , , , ,				C466	1-123-332-00	ELECT	47MF	20%	25V
	RES	SISTOR					 C467	1-101-006-00	CERAMIC	0.047MF		50V
R655	1-244-919-51	CARBON	82K	5%	1/2W		C468	1-101-006-00	CERAMIC	0.047MF		50V
R656	1-247-863-00		22K	5%	1/6W		C469	1-106-196-00	MYLAR	0.01MF	10%	1007
R657	1-247-807-00		100	5%	1/6W		C489	1-123-332-00	ELECT	47MF	20%	25V
R658	1-247-883-00		150K		1/6W		C490	1-123-332-00	ELECT	47MF	20%	257
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										nononte idor		

 The components identified by In this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Select the resistance value according to SAFETY RELATED ADJUST-MENT. The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.

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Ref.No.	Part No.	Oescription			Remark	Ref.No.	Part No.	<u>Oescription</u>	Remark
C 491 C 492 C 493 C 494	1-123-332-00 1-123-332-00 1-101-361-00 1-106-196-00 1-101-006-00	ELECT CERAMIC MYLAR	47MF 47MF 150PF 0.01MF 0.047MF	20% 20% 5% 10%	25V 25V 50V 100V 50V	F404 ⚠	.1-532-580-11	HOLOER, FOSE, F403 FUSE, GLASS TUBE 10.54 125V HOLOER, FOSE, F404	
C495				204				1.0 0V00010	
C497	1-123-356-00	ELECT	10MF	20%	25 V	IC402	8-752-201-90 8-759-900-09	IC SN74LSO9N	
	CON	NECTOR					8-759-901-36 8-759-900-08	IC SN74LS136N IC SN74LS08N	
	*1-562-243-00 *1-560-124-00 *1-560-124-00 *1-560-224-00 *1-560-125-00		TA- /) 4P) 4P) 10P		i	8-759-900-08 8-759-900-04 8-759-900-00 8-759-900-20		
	*I-560-126-00					IC409	8-759-901-38 8-759-171-05	IC SN74LS138N	
Q7	*1-560-128-00	PLOG, CONNEC	TOR (2.5MM	PITCH)			8-759-700-06		
	010	<u>0E</u>				1 120402			
0401	8-719-911-19						<u>COI</u>		
D402 0403	8-719-911-19 8-719-911-19	OI 00E 1SS119				L407 		MICRO INDUCTOR 5.6MMH	
D404 D405	8-719-100-37 8-719-100-37	OIODE RD6.2E					TRA	NSISTOR	
D406 D407 D408 D409	8-719-100-37 8-719-100-37 8-719-911-19 8-719-911-19	DIODE RD6.2E DIODE 1SS119 DIODE 1SS119	-B1			Q401 Q402 Q403 Q404 Q405	8-729-245-83 8-729-204-83 8-729-245-83	TRANSISTOR 2SA1048GR TRANSISTOR 2SC2458 TRANSISTOR 2SA1048GR TRANSISTOR 2SC2458 TRANSISTOR 2SA1048GR	
D410	8-719-911-19	DI O O E 155119	l			Q406	8-729-245-83	TRANSISTOR 2SC2458	,
D411 0412	8-719-911-19 8-719-911-19					Q407 Q408		TRANSISTOR 2SA1048GR TRANSISTOR 2SA1048GR	
D414 D415	8-719-911-19 8-719-911-19	DIODE 1SS119	l .			Q409 Q410		TRANSISTOR 2SC2458 TRANSISTOR 2SA1048GR	
D416	8-719-911-19					Q411		TRANSISTOR 2SC2458	
0418	8-719-100-37					Q412	8-729-245-83	TRANSISTOR 2SC2458	
0419 0420	8-719-100-37 8-719-911-19	DIODE 1SS119	1			Q413 Q414	8-729-204-83		
0422 D423	8-719-100-37 8-719-100-22					Q415	8-729-245-83	TRANSISTOR 2SC2458	
0424	8-719-911-19					Q416 Q417		TRANSISTOR 2SC2458 TRANSISTOR 2SC2458	
D425	8-719-100-26	OIUDE RD4.7E	-81			Q418	8-729-204-83	TRANSISTUR 2SA1048GR	
0426 0427	8-719-100-37 8-719-100-37					Q419 Q420	8-729-245-83 8-729-245-83	TRANSISTOR 2SC2458 TRANSISTOR 2SC2458	
0428	8-719-100-37	OIODE RO6.2E	-B1			Q421	8-729-245-83	TRANSISTOR 2SC2458	•
0435	8-719-911-19					0422	8-729-245-83 8-729-245-83	TRANSISTOR 2SC2458 TRANSISTOR 2SC2458	
0436 0437	8-719-911-19 8-719-911-19					Q424	8-729-204-83	TRANSISTOR 2SA1048GR	
	FOS	Ε	<u>.</u>			Q425 	8-729-245-83	TRANSISTOR 2SC2458	
F401 A	1-532-580-11		TORF			0426 0429	8-729-245-83 8-729-245-83	TRANSISTOR 2SC2458 TRANSISTOR 2SC2458	
	1-533-087-00	HOLDER, FOSE	, F401	2517		Q430	8-729-204-83	TRANSISTOR 2SA1048GR	
F 402 <u>A</u>	1-532-536-11 1-533-087-00			2 5 V		Q431 Q433	8-729-245-83 8-729-204-83	TRANSISTOR 2SC2458 TRANSISTOR 2SA1048GR	
F 403 ⚠	.1-532-580-11					Q434		TRANSISTOR 2SA1048GR	

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.



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Ref.No.	Part No.	Descriptio	_			 Ref.No.	Part No.	Description				Remark
Q435	8-729-204-83	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SA 1048G	R		R410	1-247-878-00		91K	5%	1/6W	
Q442	8-729-245-83	TRANSISTOR	2SC2458			R411	1-247-833-00	CARBON	1.2K		1/6W	
Q443	8-729-245-83	TRANSISTOR	2SC2458			R412	1-247-865-00	CARBON CARBON	27K 8.2K	5% 5%	1/6W 1/6W	
Q444	8-729-245-83	TRANSISTOR	2502458	n		R413 R414	1-247-853-00 1-247-829-00	CARBON	820	5%	1/6W	
Q445	8-729-204-83	TRANSTS TOR	25A1U486	K		 K414	1-247-023-00	CARBON	020	3,6	1,011	
Q446	8-729-204-83	TRANSISTOR				R415	1-247-104-00	CARBON	75	5%	1/4W	
0447	8-729-245-83	TRANSISTOR		• •		R416	1-247-131-00		1K	5%	1/4W	
0448	8-729-204-83	TRANSISTOR	2SA1048G	R		R417	1-247-878-00	CARBON	91K	5%	1/6W	
0449	8-729-245-83	TRANSISTOR				R418	1-247-833-00		1.2K	5%	1/6W	
0450	B-729-204-83	TRANSISTOR	2SA 1048 G	iR		R419	1-247-865-00	CARBON	27K	5%	1/6W	
- 44.	0.700.045.00	*D4 H0 1 0 T0 D	00.00.45.0			I IR420	1-247-853-00	CADRON	8.2K	5%	1/6W	
Q451	8-729-245-83	TRANSISTUR	2502458	·D		R420	1-247-829-00		820	5%	1/6W	
Q452 Q453	8-729-204-83 8-729-245-83	TOTAL STOR	25/10400	il.		R422	1-247-173-00	CARBON	56K	5%	1/4W	
Q453 Q454	8-729-204-83	AUL SI SUNAL	25A10486	iR		R423	1-247-885-00	CARBON	180K	5%	1/6W	
Q455	8-729-245-83	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SC2458	• •		R424		CARBON	82K	5%	1/6W	
• • • • • • • • • • • • • • • • • • • •	- · ·	_				[4 7			
Q456		TRANSISTOR				R425	1-247-871-00		47K	5%	1/6W	
Q457	8-729-204-83	TRANSISTOR	2SA 1048 G	iR		R426	1-247-851-00		6.8K 4.7K	5% 5%	1/6W 1/6W	
						R427	1-247-847-00 1-247-173-00		56K	5%	1/4W	
	RES	ISTOR				R42B R429	1-247-173-00		180K	5%	1/6W	
R 351	1-247-855-00	CARRON	10K	5%	1/6W	1423	1-247-003-00	CARDON	1001	3,6	1,0	
R 352	1-247-815-00		220	5%	1/6W	R430	1-247-B77-00	CARBON	82K	5%	1/6W	
R353	1-247-855-00		10K	5%	1/6W	R431	1-247-871-00		47K	5%	1/6W	
R354	1-247-815-00		220	5%	1/6W	R432	1-247-851-00		6.8K	5%	1/6W	
R355	1-247-807-00		100	5%	1/6W	R433	1-247-847-00	CARBON	4.7K	5%	1/6W	
						R434	1-247-807-00	CARBON	100	5%	1/6W	
R356	1-247-127-00		680	5%	1/4W			04.00.00	1.00%	Eov	1 (611	
R357	1-247-127-00		680	5%	1/4W	R435	1-247-879-00		100K 68	5% 5%	1/6W 1/4W	
R358	1-247-827-00		680	5%	1/6W	R436 R437	1-247-103-00 1-247-131-00	CARBON	1K	5%	1/4W	
R 359	1-247-827-00		680 680	5% 5%	1/6W 1/4W	R438	1-247-131-00	CARBON	2.2K		1/6W	
R 361	1-247-127-00	CARBON	000	J /6	1/711	R439	1-247-155-00		10K	5%	1/4W	
R362	1-247-127-00	CARBON	680	5%	1/4W	i						
R364	1-247-827-00		680	5%	1/6W	R440	1-247-B7B-00	CARBON	91K	5%	1/6W	
R365	1-247-127-00		680	5%	1/4W	R442	1-247-B65-00		27K	5%	1/6W	
R366	1-247-115-00		220	5%	1/4W	R443	1-247-B53-00	CARBON	8.2K		1/6W	
R:367	1-247-115-00	CARBON	220	5%	1/4W	R444	1-247-103-00 1-247-131-00	CARBON	68 1K	5% 5%	1/4W 1/4W	
D 260	1 247 055 00	CARRON	10K	5%	1/6W	R445	1-24/-131-00	CARDON	IN	Jp	1/41	
R368 R369	1-247-855-00 1-247-815-00		220	5%	1/6W	R446	1-247-839-00	CARBON	2.2K	5%	1/6W	
R370	1-247-815-00		220	5%	1/6W	R447	1-247-155-00		10K	5%	1/4W	
R371	1-247-843-00		3.3K	5%	1/6W	R448	1-247-87B-00		91K	5%	1/6W	
R372	1-246-485-25		3.3K	5%	1/4W	R450	1-247-865-00		27K	5%	1/6W	
						R451	1-247-853-00	CARBON	B.2K	5%	1/6W	
R373	1-246-537-00		470K	5%	1/4W	1 0450	. 047 107 00	CARRON	60	Eer	1 /41	
R374	1-247-871-00		47K	5%	1/6W	R452	1-247-103-00		6B	5% 5%	1/4W 1/4W	
R377	1-247-845-00		3.9K	5% 5%	1/6W 1/6W	R453 R454	1-247-131-00 1-247-839-00		1K 2.2K		1/6W	
R378	1-247-855-00 1-247-127-00	CARBON	10K 680	5% 5%	1/0W 1/4W	R455	1-247-155-00	CARBON	10K	5%	1/4W	
R 379	1-24/-12/-00	CHUDOM	000	J /0	1/44	R456	1-247-878-00	CARBON	91K	5%	1/6W	
R401	1-247-104-00	CARBON	75	5%	1/4W	1						
R 402	1-247-131-00	CARBON	1K	5%	1/4W	R458	1-247-865-00		27K	5%	1/6W	
R 403	1-247-878-00	CARBON	91K	5%	1/6W	R459	1-247-853-00		8.2K		1/6W	
R404	1-247-833-00		1.2K	5%	1/6W	R460	1-247-107-00		100	5%	1/4W	
R405	1-247-865-00	CARBON	27K	5%	1/6W	R461	1-247-839-00		2.2K	5% 5%	1/6W	
5.407	1 047 050 00	CADDON	0.02	Εø	1 /611	R462	1-247-831-00	CAKROM	1K	5%	1/6W	
R406	1-247-853-00		8.2K	5% 5%	1/6W	I I R463	1-247-845-00	CARRON	3.9K	5%	1/6W	
R407	1-247-829-00 1-247-104-00		820 75	5% 5%	1/6W 1/4W	R465	1-247-835-00		1.5K		1/6W	
R 40B R 409	1-247-104-00		75 1K	5%	1/4W	R466	1-247-819-00		330	5%	1/6W	
K409	7-54/-131-00	CAINDUIT	TV	- PO	1/ TH	, ,, ,,,,,	013 00	2, 11.0 0.1		- • •		



Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	<u>Oescription</u>				Remark
R467	1-247-829-00	CARBON	820	5%	1/6W		R1433	1-247-843-00	CARBON	3.3K	5%	1/6W	
R46B	1-247-835-00	CARBON	1.5K	5%	1/6W		R1434	1-247-848-00	CARBON	5.1K	5%	1/6W	
R469	1-247-819-00	CARBON	330	5%	1/6W			1-247-833-00	CARBON	1.2K	5%	1/6W	
R470	1-247-829-00	CARBON	820	5%	1/6W			1-247-869-00	CARBON	3 9K	5%	1/6W	
R471	1-247-835-00	CARBON	1.5K	5%	1/6W		R1437	1-247-855-00	CARBON	10K	5%	1/6W	
R472	1-247-819-00	CARBON	330	5%	1/6W		 R143B	1-247-849-00	CARBON	5.6K	5%	1/6W	
R473	1-247-829-00		820	5%	1/6W		R1439	1-247-847-00	CARBON	4.7K	5%	1/6W	
R474	1-247-847-00	CARBON	4.7K	5%	1/6W			1-247-863-00	CARBON	22K	5%	1/6W	
R475	1-247-853-00	CARBON	B.2K	5%	1/6W			1-247-901-00	CARBON	B20K	5%	1/6W	
R476	1-247-831-00	CARBON	1K	5%	1/6W		R1443	1-247-901-00	CARBON	820K	5%	1/6W	
R477	1-247-847-00	CARBON	4.7K	5%	1/6W		R1444	1-247-901-00	CARBON	B2 0K	5%	1/6W	
R478	1-247-847-00	CARBON	4.7K	5%	1/6W		R1445	1-247-867-00	CARBON	33K	5%	1/6W	
R479	1-247-847-00	CARBON	4.7K	5%	1/6W			1-247-867-00	CARBON	33K	5%	1/6W	
R 480	1-247-103-00		68	5%	1/4W			1-246-527-00	CARBON	180K	-	1/4W	
R481	1-247-139-00	CARBON	2.2K	5%	1/4W		R1448	1-247-849-00	CARBON	5.6K	5%	1/6W	
R 482	1-247-839-00	CARBON	2.2K	5%	1/6W		R1449	1-247-839-00	CARBON	2.2K	5%	1/6W	
R483	1-247-807-00	CARBON	100	5%	1/6W		R1451	1-247-831-00	CARBON	1K	5%	1/6W	
R484	1-247-855-00	CARBON	10K	5%	1/6W			1-247-843-00	CARBON	3.3K		1/6W	
R 485	1 - 247 - 878-00		91 K	5%	1/6W			1-247-831-00	CARBON	1K	5%	1/6W	
R486	1-247-865-00	CARBON	27K	5%	1/6W		R1454	1-247-843-00	CARBON	3.3K	5%	1/6W	
R487	1-247-853-00	CARBON	B.2K	5%	1/6W		 R1455	1-247-839-00	CARBON	2.2K	5%	1/6W	
R488	1-247-115-00		220	5%	1/4W		R1456	1-247-823-00	CARBON	470	5%	1/6W	
R489	1-247-147-00	CARBON	4.7K	5%	1/4W		R1457	1-247-839-00	CARBON	2.2K		1/6W	
R490	1-247-835-00	CARBON	1.5K	5%	1/6W			1-247-799-00	CARBON	47	5%	1/6W	
R491	1-247-839-00	CARBON	2.2K	5%	1/6W		R1459	1-247-825-00	CARBON	560	5%	1/6W	
R492	1-247-829-00	CARBON	820	5%	1/6W		R1460	1-247-791-00	CARBON	22	5%	1/6W	
R493	1-247-819-00		330	5%	1/6W			1-247-839-00	CARBON	2.2K		1/6W	
R494	1-247-847-00		4.7K	5%	1/6W		R1462	1-247-823-00	CARBON	470	5%	1/6W	
R495	1-247-863-00	CARBON	22K	5%	1/6W		R1463	1-247-839-00	CARBON	2.2K	5%	1/6W	
R496	1-247-871-00	CARBON	47K	5%	1/6W		R1464	1-247-799-00	CARBON	47	5%	1/6W	
R497	1-247-855-00	CARBON	10K	5%	1/6W		I R1465	1-247-825-00	CARBON	560	5%	1/6W	
R499	1-247-819-00	CARBON	330	5%	1/6W			1-247-791-00	CARBON	22	5%	1/6W	
R661	1-247-113-00		180	5%	1/4W			1-247-839-00	CARBON	2.2K	5%	1/6W	
R662	1-247-113-00	CARBON	1B0	5%	1/4W		R1468	1-247-823-00	CARBON	470	5%	1/6W	
R663	1-247-113-00	CARBON	180	5%	1/4W		R1469	1-247-839-00	CARBON	2.2K	5%	1/6W	
R664	1-247-821-00	CARBON	390	5%	1/6W		 R1470	1-247-799-00	CARBON	47	5%	1/6W	
R665	1-247-821-00	CARBON	390	5%	1/6W			1-247-825-00	CARBON	560	5%	1/6W	
R666	1-247-821-00		390	5%	1/6W			1-247-791-00	CARBON	22	5%	1/6W	
	1-247-839-00		2.2K	5%	1/6W		R1473	1-247-853-00	CARBON	8.2K	5%	1/6W	
R1402	1-247-831-00	CARBON	1K	5%	1/6W		R1474	1-247-851-00	CARBON	6.BK	5%	1/6W	
R1403	1-247-861-00	CARBON	18K	5%	1/6W		I R1475	1-247 - B55-00	CARBON	10K	5%	1/6W	
	1-247-845-00		3.9K		1/6W			1-247-815-00	CARBON	220	5%	1/6W	
	1-247-855-00		10K	5%	1/6W		R1477	1-247-815-00	CARBON	220	5%	1/6W	
	1-247-843-00		3.3K	5%	1/6W		R1478	1-247-815-00	CARBON	220	5%	1/6W	
	1-247-145-00		3.9K		1/4W		R1479	1-247-847-00	CARBON	4.7K	5%	1/6W	
R]414	1-247-123-00	CARBON	470	5%	1/4W		I R1480	1-247-847-00	CARBON	4.7K	5%	1/6W	
	1-247-149-00		5.6K		1/4W			1-247-831-00		1K	5%	1/6W	
	1-247-823-00		470	5%	1/6W			1-247-855-00		10K	5%	1/6W	
	1-247-835-00		1.5K		1/6W			1-247-855-00		10K	5%	1/6W	
	1-247-847-00		4.7K	5%	1/6W		R1484	1-247-155-00	CARBON	10K	5%	1/4W	
R1421	1-247-831-00	CARBON	1K	5%	1/6W		I I R14B5	1-247-115-00	CARBON	220	5%	1/4W	
	1-247-827-00		680	5%	1/6W			1-247-155-00		10K	5%	1/4W	
	1-247-855-00		10K	5%	1/6W			1-247-115-00		220	5%	1/4W	





Dof No	Part No.	Description				Remark	IRef.No.	Part No.	Oescription				Remark
		CARBON	10K	5%	1/4W		i I		ISISTOR				_
R1489 R1490	1-247-115-00 1-247-155-00 1-247-115-00	CARBON CARBON	220 10K 220	5% 5% 5%	1/4W 1/4W 1/4W	-	 0701 0702 0703	8-729-245-83 8-729-168-82 4-370-970-01 8-729-245-83	TRANSISTOR 2S TRANSISTOR 2S SPACER, TR. C TRANSISTOR 2S	C2688 702 C2458			
RV401	1-226-853-00	RES, AOJ, CAR		<			0704 	8-729-168-82	TRANSISTOR 2S				
	1-226-852-00 1-226-852-00 1-226-852-00 1-226-852-00	RES. AOJ. CAR RES. AOJ. CAR RES. AOJ. CAR	80N 221 BON 221	(0705 0706 	8-729-245-83	SPACER, TR. C TRANSISTOR 2S TRANSISTOR 2S SPACER, TR. C	C2458 C2688			
	SWI	тсн					į	RES	ISTOR				
\$401 \$402 \$403	1-553-725-00	SWITCH, SLIDE SWITCH, SLIDE SWITCH, SLIDE		****			R702 R703 R704	1-247-839-00 1-247-823-00 1-247-823-00 1-247-793-00 1-206-743-00	CARBON CARBON CARBON CARBON METAL OXIOE	2.2K 470 470 27 5.6K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 3W	F
	*A-1330-541-A	C1 BOARD, COM					R706 R708 R709	1-247-813-00 1-247-838-00 1-247-839-00	CARBON CARBON CARBON	180 2K 2.2K	5% 5% 5%	1/6W 1/6W 1/6W	
	1-526-645-00	SOCKET, CRT					R710 R711	1-247-823-00 1-247-823-00	CARBON CARBON	470 470	5% 5%	1/6W 1/6W	
	CON	NECTOR					 R712	1-247-793-00	CARBON	27	5%	1/6W	
C1 C2	*1-508-765-00 *1-508-786-00	3P PLOG (M) 2P PLUG (M)					R713 R714 R716	1-206-743-00 1-247-813-00 1-247-838-00	METAL OXIDE CARBON CARBON	5.6K 180 2K	5 % 5% 5%	3W 1/6W 1/6W	F
	CAP	<u>ACI TOR</u>					i R717	1-247-B39-00	CARBON	2.2K	5%	1/6W	
C701 C703 C704 C705 C706	1-123-356-00 1-102-116-00 1-124-039-51 1-102-116-00 1-124-039-51	CERAMIC ELECT CERAMIC	10MF 680PF 10MF 680PF 10MF		20% 10% 20% 10% 20%	25V 50V 16V 50V 16V	R71B R719 R720 R721 R722	1-247-823-00 1-247-823-00 1-247-793-00 1-206-743-00 1-247-813-00	CARBON CARBON CARBON METAL OXIDE CARBON	470 470 27 5.6K 180	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 3W 1/6W	F
C707 C708 C709 C710	1-102-116-00 1-124-039-51 1-121-759-00 1-108-433-00	CERAMIC ELECT ELECT MYLAR	680PF 10MF 4.7MF 0.1MF		10% 20% 10%	50V 16V 250V 200V	R723 R724 R725 R726	1-247-779-00 1-247-838-00 1-247-095-00 1-244-925-00	CARBON CARBON CARBON CARBON	6.B 2K 33 150K	5% 5% 5% 5%	1/6W 1/6W 1/4W 1/2W	
C711	1-102-038-00		0.001M	F		500 V	R727 	1-202-824-00	SOLID	3.3K		1/2W	
C712 C713 C714 C715 C716	1-129-737-00 1-123-356-00 1-102-249-00 1-102-219-00 1-102-074-00	ELECT CERAMIC CERAMIC	0.047M 10MF 680PF 680PF 0.001M		20% 20% 20% 20% 10%	630V 50V 2KV 1KV 50V	R728 R729 R730 R731 R732	1-202-824-00 1-202-824-00 1-202-815-51 1-202-719-00 1-202-722-00	SOLIO SOLIO	3.3K 3.3K 47K 1M 1.8M	10% 10%	1/2W 1/2W 1/2W 1/2W 1/2W	
	010	<u>0E</u>					1 1 R733	1-202-719-00		1M	10%	1/2W 1/2W	
0701 0702 0703	8-719-300-76 8-719-300-76 8-719-300-76	OIOOE RH-1A OIOOE RH-1A					R734 R735 R736 R737	1-202-824-00 1-202-720-00 1-202-B34-00 1-202-549-00	SOLIO SOLIO	3.3K 1.2M 27K 100	10% 5%	1/2W 1/2W 1/2W 1/2W	
	<u>co1</u>	<u>L</u>					R738	1-202-842-51	SOLIO	220K		1/2W	
L 701		MICRO INDOCT						VAR	IABLE RESISTO	<u>R</u>			
L702 L703 L704	1-407-701-00	MICRO INDOCTO	OR 470H				RV701 RV702	1-228-719-00 1-228-723-00	RES. AOJ. CE RES. AOJ. CE	RAMIC (RAMIC (ARBON CARBON	470 4.7K	

C₁ C₂ D

	C1 C2 D

Ref.No. Part No.	<u>Oescription</u>			Remark	Ref.No.	Part No.	<u>Oescription</u>			<u>Remark</u>
RV703 1-228-719-00 RV704 1-228-723-00 RV705 1-228-719-00 RV706 1-228-723-00 RV707 1-228-719-00	RES, ADJ, CE RES, ADJ, CE RES, AOJ, CE	RAMIC CARBON RAMIC CARBON RAMIC CARBON RAMIC CARBON RAMIC CARBON	470 4.7K 470 4.7K 470		C525 C526 C527 C528 C529	1-108-583-00 1-131-356-00 1-123-323-00 1-123-382-00 1-123-228-00	TANTALUM ELECT ELECT	0.015MF 3.3MF 470MF 3.3MF 1MF	5% 10% 20% 20% 20%	50V 25V 16V 50V 50V
RV708 1-228-723-00 RV709 1-228-719-00 RV710 1-228-723-00 RV711 1-228-719-00 RV712 1-228-723-00	RES, AOJ, CE RES, AOJ, CE RES, ADJ, CE RES, ADJ, CE	RAMIC CARBON RAMIC CARBON RAMIC CARBON RAMIC CARBON RAMIC CARBON	4.7K 470 4.7K 470 4.7K		C530 C531 C532 C533 C534	1-108-579-00 1-108-595-00 1-123-380-00 1-123-356-00 1-106-172-00	MYLAR ELECT ELECT	0.01MF 0.047MF 1MF 10MF 0.001MF	5% 5% 20% 20% 5%	50V 50V 50V 16V 50V
RV713 1-226-114-00 RV714 1-226-063-00	RES, AOJ, CA	RBON 2.2M			C752 C753	1-123-356-00 1-123-380-00 1-124-043-51 1-124-038-00	ELECT ELECT ELECT	10MF 1MF 2.2MF 1MF	20% 20% 20% 20%	25V 50V 50V 50V
*1-613-038-11	C2 B0A R0				C755 C756	1-108-603-00 1-124-038-00	ELECT	0.1MF	5% 20%	50V
<u>C01</u>	NNECTOR				C757 C758 C759	1-162-117-00 1-108-824-00 1-123-356-00	MYLAR ELECT	100PF 0.47MF 10MF	10% 5% 20%	500V 50V 25V
C4 *1-560-129-00 C5 *1-560-129-00	PLUG, CONNEC PLUG, CONNEC	TOR (2.5MM) 9 TOR (2.5MM) 9	IP IP		C760 C761	1-124-126-00	ELECT	47MF 3.3MF	20%	25V 50V
S 701 1-554-974-11	SWITCH, SLIO	E			C762 C764 C766 C767	1-123-330-00 1-123-334-00 1-123-380-00 1-123-380-00	ELECT ELECT	22MF 220MF 1MF 1MF	20% 20% 20% 20%	.25V 25V 50V 50V
******	******	*****	*****		•					
*A-1345-472-A	O BOARO, COM	PLETE			C768 C769 C801 C802	1-106-220-00 1-124-126-00 1-136-173-00 1-123-381-00	ELECT FILM	0.1MF 47MF 0.47MF 2.2MF	10% 20% 5% 20%	100V 25V 50V 50V
3-701-833-01	HEAO, WASHER	, TAPPING SCR	REW		C802 C803	1-101-888-00		68PF	5%	50V
CA	PACITOR				C804	1-123-380-00		1MF	20%	50V
C 503	MYLAR ELECT	0.033MF 1MF	10% 20%	50V 100V 50V 50V	C805 C806 C807 C808	1-102-531-00 1-106-172-00 1-102-531-00 1-123-369-00	MYLAR CERAMIC	150PF 0.001MF 150PF 4.7MF	5% 5% 5% 20%	50V 50V 50V 25V
C507 1-123-380-00	ELECT	1MF	20%	50V 50V	C810 C811 C813	1-106-188-00 1-106-196-00 1-106-204-00	MYLAR	0.0047MF 0.01MF 0.022MF	5% 10% 10%	50V 100V 100V
C508 1-136-173-00 C509 1-123-380-00 C511 1-123-356-00 C512 1-123-380-00	ELECT ELECT	1MF 1,OMF	20% 20%	50V 50V 25V 50V	C814 C815	1-100-204-00 1-106-180-00 1-129-794-00	MYLAR	0.0022MF 0.0033MF	10% 5%	100V 100V
C513 1-108-587-00 C514 1-108-595-00	MYLAR		5%	50V 50V	C816 C817 C818	1-123-381-00 1-123-381-00 1-123-330-00	ELECT	2.2MF 2.2MF 22MF	20% 20% 20%	50V 50V 25V
C515 1-124-514-51 C516 1-102-228-00 C517 1-106-204-00	ELECT CERAMIC	100MF 470PF 0.022MF	20% 10% 10%	50V 500V 100V	C819 C821 	1-123-330-00 1-123-381-00	ELECT ELECT	22MF 2.2MF	20% 20%	25V 50V
C518 1-123-356-00 C519 1-123-228-00		10MF 1MF		25V 50V	C822 C823 C824	1-123-380-00 1-123-356-00 1-123-356-00	ELECT ELECT ELECT	1MF 1OMF 1OMF	20% 20% 20%	50V 16V 50V
C520 1-123-330-00 C521 1-123-336-00 C522 1-123-330-00	ELECT ELECT ELECT	22MF 470MF 22MF 22MF	20% 20% 20%	25V 25V 16V 16V	C825 C827 C828	1-123-322-00 1-123-379-00 1-102-820-00	ELECT	330MF 0.47MF 330PF	20% 20% 5%	16V 50V 50V
C523 1-123-330-00 C524 1-123-380-00		1MF		50V	C829 C830	1-102-020-00 1-106-385-00 1-102-030-00	MYLAR CERAMIC	0.056MF 330PF	10% 10%	200V 500V



Ref.No.	Part No.	Description			Remark	Ref.No	Part No.	Description	Remark
C833	1-161-961-11 1-108-431-00	MYLAR	0.068MF	10%	200V	D3	*1-560-125-00 *1-508-765-00	PLUG, CONNECTOR (2.5MM) 5P 3P PLUG (M)	
C834 ♠	1-136-064-11	F1 LM	0.002MF			D5	*1-508-765-00 *1-564-038-00	3P PLOG (M) CONNECTOR PLUG, DY (MINI) 6P	
	1-136-079-11 1-136-186-00		0.01MF 10-	5%	200V	D6 D7	*1-508-766-00	4P PLUG (M)	
C836	1-130-100-00	LICH .	2.4141	J,6	2001	"	1 000 700 00		
C837	1-108-433-00	MYLAR	0.1MF	10%	200 V	D8	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
C838	1-136-112-00	FILM	1.4MF	5%	200V	D9	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P	١
C839	1-130-566-00	MYLAR	2.2MF	10%	250V	D10 D11	*1-560-123-00	PLUG, CONNECTOR (2.5MM PITCH PLOG, CONNECTOR (2.5MM) 3P	,
C840	1-136-123-00 1-123-267-00		0.51MF 2.2MF	5% 20%	400V 160V	D11	*1-560-123-00	PLOG. CONNECTOR (2.5MM) 3P	
C841	1-123-207-00	ELECT	Z • ZI·II	20%	1001	""	1 000 110 11	, , , , , , , , , , , , , , , , , , , ,	
C842	1-106-186-00	MYLAR	0.0039MF	10%	100V	ļ	D10	<u>0E</u>	
C843	1-123-380-00	ELECT	1MF	20%	50V		0.710.100.03	OLGOE DDA 2E D2	
C844	1-123-322-00		330MF	20%	167	D501		OI 00E RD4.3E-B2	
C846		ELECT	330MF	20%	35V	D502 D504	8-719-911-19 8-719-911-19		
C849	1-108-603-00	MYLAR	0.1MF	5%	50V	D504	8-719-911-19		
COEO	1-129-706-00	FILM	0.0022MF	10%	630 V	D506	8-719-911-55		
C850 C851	1-106-367-00	MYLAR	0.01MF	10%	2007				
C852	1-123-337-00		1000MF	20%	25V	j D507		0I00E 1SS119	
C853	1-102-212-00		82 OPF	10%	500V	0751		OIODE 1SS119	
C854	1-121-999-00.		10MF		160V	0752	8-719-911-19		
						0753	8-719-911-19	OIODE ISS119	
C855	1-123-024-00	ELECT	33MF		160V	D754	8-719-911-19	0100E 1SS119	
C856	1-108-429-00	MYLAR	0.047MF	10%	200V	0001	0 710 011 55	0100E U05G	
C857	1-102-223-00	CERAMIC	0.0047MF	10%	2K V 50V	0801 0802	8-719-911-55 8-719-911-I9		
C858	1-102-527 - 00 1-123-369-00	CE RAMIC	82PF 4.7MF	5% 20%	50V 50V	D803	8-719-100-30		
C859	1-123-303-00	ELECT	4. 1111	200	301	0804	8-719-100-80		
C860	1-123-332-00	ELECT	47MF	20%	25V	0805	8-719-305-15	DIOOE GH3F	
C861 A	1-136-065-11	FILM	0.0027MF	3% 34-	-:2KV	İ			
C862 A	1-136-066-11	FILM	0:003MF 20-	€3% ⊹€1.	- 2KV	0806	8-719-928-08	DIOOE ER028-08	
C863 🛭	4.1-136-064-11	FILM	0.002MF			0807	8-719-901-93	DI 00E V19E	
C865	1-106-367-00	MYLAR	0.01MF	10%	2007	0808	8-719-901-93 8-719-300-76		
COSC	1 101 261 00	CEDAMIC	150PF	5%	50 V	0810	8-719-903-09		
C866 C868	1-101-361-00 1-123-356-00		10MF	20%	16V	1 0010	0 713 300 03	01002 10-11	
C870	1-123-330-00		47MF	20%	25V	j D811	8-719-911-19	0100E 1SS119	
C871	1-123-380-00		1MF	20%	50V	D812	8-719-300-76	D100E RH-1A	
C872	1-106-196-00		0.01MF	10%	100V	D813	8-719-300-76		
						D814	8-719-911-19		
C873	1-123-323-00		4 70MF	20%	16 V	0815	8-719-911-19	0100E 1SS119	
C874	1-106-196-00		0.01MF	10%	100V 50V	D816	8-719-911-19	0I 00E 1SS119	
C876	1-102-530-00		120PF 150PF	5% 5%	50V 50V	0817	8-719-100-64		
C877 C879	1-102-531-00 1-102-531-00		150PF	5%	50V	0818	8-719-911-55		
6073	1-102-331-00	CENTITO	10011	0,0		i			
C880	1-102-525-00	CERAMIC	68PF	5%	50 V		IC		
C881	1-102-820-00		330PF	5%	50V	!			
C883	1-108-818-11		0.15MF	5%	50V		8-759-100-60		
C884	1-123-356-00		10MF	20%	25V		8-759-979-16	IC UPC1378H-L	
C885	I-108-599-00	MYLAK	0.068MF	5%	50 V	10503 10504		1C UPC4558C	
COUC	1-106-180-00	MVIAD	0.0022MF	5%	50 V	IC801		1C HD14538BP	
C886 C887	1-123-332-00		47MF	20%	167	-000			•
C888	1-123-332-00		470MF	20%	16 V	10802	8-759-240-11	IC TC4011BP	
C889	1-108-818-71		0.15MF	5%	50V	[IC803	8-759-145-58	1C UPC4558C	
	_					10804			
	<u>co</u>	NNECTOR				1C805			
0	11 550 105	DI AG CONTE	TOD /0 CHEA	6D		-	^4-323-833-00	HEAT SINK, PIN OUT, IC805	
01		PLOG, CONNEC				- 1			
02	1-200-140-00	ILUG, CUNNE	2 1 CH / [E + 3 1 .	110117		•			

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.



Ref.No. Part No.	Oescription	Remark	Ref.No.	Part No.	<u>Oescription</u>			Remark
COI L501 1-408-231-00 L752 1-407-508-00 L753 1-408-247-00	L MICRO INOUCTOR 1MMH MICRO INOUCTOR 22MMH MICRO INOUCTOR 33MMH		0817 0818 0819 0820 0821	8-729-204-83 8-729-204-83 8-729-245-83 8-729-245-83 8-729-245-83	TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S	A 1048GR C2458 C2458	٠	
L802 1-408-349-00 L803 1-408-238-00	MICRO INOUCTUR 3.9MMH		 0822 0823	8-729-245-83 8-729-245-83	TRANSISTOR 2S TRANSISTOR 2S			
L804 A.1-459 241-11 L805 A.1-459 568-11 L806 1-407-365-00	COLE, HORIZONTA DELINIALETY COLE, CHOKE 9800H 000-518 COIL, CHOKE		0824 	8-729-245-83 RES	TRANSISTOR 2S ISTOR	C2458		
L807 1-459-104-00 L808 1-407-364-00	COIL, OOST CORE COIL, SPOOK CHOKE 3.30H		 R504	1-247-847-00	CARBON	4.7K 5	% 1/6W	
L809 1-407-841-00 L810 1-407-166-XX	COIL 150H MICRO 1NOOCTOR 560H		R505 R506 R507	1-247-869-00 1-247-887-00 1-215-455-00	CARBON CARBON METAL	39K 55 220K 55 27K 15	% I/6W % 1/6W % 1/6W	
L811 I-459-155-00 L812 1-459-115-00 L814 1-407-841-00	COIL (WITH CORE) 45MH COIL, OCC-H COIL 15UH		R508 R509	1-247-833-00	METAL	1.2K 59	% 1/6W	
L816 1-408-247-00	MICRO INOUCTOR 33MMH		R510 R513 R514	1-215-461-00 1-215-479-00 1-215-463-00	METAL METAL	47K 15 270K 15 56K 15	% 1/6W % I/6W	
TRAI	NSISTOR		R515 	1-247-820-00		360 5	% 1/6W	
Q502 8-729-900-36 Q503 8-729-900-36 Q504 8-729-900-36 Q505 8-729-900-63	TRANSISTOR OTC124ES TRANSISTOR OTC124ES TRANSISTOR OTC124ES TRANSISTOR OTA124ES		R516 R517 R518 R519	1-247-827-00 1-247-828-00 1-247-815-00 1-247-879-00	CARBON CARBON	680 57 750 57 220 57 100K 59	% 1/6W % 1/6W	
Q508 8-729-245-83	TRANSISTOR 2SC2458		i R520	1-247-847-00	CARBON	4.7K 5		
0509 8-729-900-36 0510 8-723-305-00 0751 8-729-245-83 0752 8-729-313-42 0753 8-729-306-92	TRANSISTOR OTC124ES TRANSISTOR 2SK43-5 TRANSISTOR 2SC2458 TRANSISTOR 2SD1134 TRANSISTOR 2S0669A		R521 R522 R524 R525 R526	1-247-886-00 1-215-458-00 1-247-842-00 1-247-857-00 1-247-846-00	METAL CARBON CARBON	200K 57 36K 17 3K 57 12K 57 4.3K 57	% 1/6W % 1/6W % 1/6W	
*4-329-153-00 Q754	HEAT SINK, V OUT, Q753 TRANSIS TUR 2SB649A HEAT SINK, V OUT, Q754 TRANSIS TOR 2SD774 TRANSIS TOR 2SD774		 R527 R528 R529 R530 R531	1-247-863-00 1-215-373-31 1-213-137-00 1-213-137-00 1-247-874-00	METAL METAL OXIOE METAL OXIDE	22K 57 10 17 330 57 330 57 62K 57	% 1/6W % 1W % 1W	F F
Q757 8-729-177-43 Q758 8-729-374-02 Q760 8-729-245-83 Q801 8-729-245-83 0802 8-729-204-83	MICRO INOUCTOR 1MMH MICRO INOUCTOR 22MMH MICRO INOUCTOR 33MMH COIL. CHOKE MICRO INOUCTOR 3.9MMH COIL. CHOKE MICRO INOUCTOR 3.9MMH COIL. CHOKE 9800H— 011—111 COIL. CHOKE COIL. OUST CORE COIL. OUST CORE COIL. SPOOK CHOKE 3.30H COIL 150H MICRO INOUCTOR 560H COIL (WITH CORE) 45MH COIL, OCC-H COIL 15UH MICRO INOUCTOR 33MMH NSISTOR TRANSISTOR OTC124ES TRANSISTOR OTC124ES TRANSISTOR OTC124ES TRANSISTOR OTC124ES TRANSISTOR OTC124ES TRANSISTOR OTC124ES TRANSISTOR OTC124ES TRANSISTOR OTC124ES TRANSISTOR 2SC2458 TRANSISTOR 2SC2458 TRANSISTOR 2SC458 TRANSISTOR 2SC458 TRANSISTOR 2SC458 TRANSISTOR 2SD774 TRANSISTOR 2SD774 TRANSISTOR 2SD774 TRANSISTOR 2SO774 TRANSISTOR 2SC2458 TRANSISTOR 2SO774 TRANSISTOR 2SC2458 TRANSISTOR 2SO774 TRANSISTOR 2SC2458 TRANSISTOR DTC124ES		 R532 R533 R534 R542 R544	1-247-870-00 1-247-824-00 1-247-824-00 1-212-366-00 1-247-230-00	CARBON CARBON METAL OXIOE	43K 55 510 55 510 55 3.3 55 390 55	% 1/6W % 1/6W % 1W	F
Q803 8-729-245-83 Q804 8-729-168-82 Q805 8-729-800-87 *4-363-404-00 4-363-414-00	TRANSISTOR 2SC2458 TRANSISTOR 2SC2688 TRANSISTOR 2SC1398 HOLOER. IC. 0805 SPACER, MICA. 0805		 R545 R546 R547 R548 R549	1-247-837-00 1-247-851-00 1-247-831-00 1-247-849-00 1-247-855-00	CARBON CARBON CARBON	1.8K 59 6.8K 59 1K 59 5.6K 59 10K 59	% 1/6W % 1/6W % 1/6W	
Q808 8-729-900-36 0810 8-729-900-36	TRANSISTOR 2S01138 TRANSISTOR DTC124ES TRANSISTOR OTC124ES TRANSISTOR OTC124ES TRANSISTOR 2SA1048GR		 R550 R551 R552 R553 R554	1-247-878-00 1-247-871-00 1-247-853-00 1-247-847-00 1-247-886-00		91K 59 47K 59 8.2K 59 4.7K 59 200K 59	% 1/6W % 1/6W % 1/6W	
Q812 8-729-245-83 Q813 8-729-900-36 Q816 8-729-245-83	TRANSISTOR 2SC2458 TRANSISTOR OTC124ES TRANSISTOR 2SC2458		 R555 R556 R558	1-247-849-00 1-247-859-00 1-247-873-00	CARBON CARBON CARBON	5.6K 5% 15K 5% 56K 5%	6 1/6W	

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Réf.No.	Part No.	Oescription :				Remark	Ref.No.	Part No.	Description				Remar	<u>sk</u>
R 559 R 560 R 561 R 562 R 563	1-247-855-00 1-247-855-00 1-247-876-00 1-247-875-00 1-247-875-00	CARBON CARBON CARBON CARBON CARBON	10K 10K 75K 68K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R773 R774 R775 R776 R777	1-247-824-00 1-247-817-00 1-247-824-00 1-247-819-00 1-247-825-00	CARBON CARBON CARBON CARBON CARBON	510 270 510 330 560	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		
R564 R565 R566 R567 R568	1-247-889-00 1-247-855-00 1-215-493-00 1-247-877-00 1-247-807-00	CARBON CARBON METAL CARBON CARBON	270K 10K 1M 82K 100	5% 5% 1% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R778 R779 R780 R781 R782	1-247-875-00 1-247-855-00 1-247-833-00 1-247-816-00 1-247-822-00	CARBON CARBON CARBON CARBON CARBON	68K 10K 1.2K 240 430	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		
R569 R570 R571 R572 R573	1-247-875-00 1-247-870-00 1-247-831-00 1-247-831-00 1-247-881-00	CARBON CARBON CARBON CARBON CARBON	68K 43K 1K 1K 1C	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R783 R784 R785 R786 R787	1-247-817-00 1-247-851-00 1-247-021-00 1-247-021-00 1-247-881-00	CARBON CARBON CARBON CARBON CARBON	270 6.8K 1.5 1.5 120K	5% 5% 5% 5% 5%		F F	
R574 R575 R576 R577 R578	1-247-873-00 1-247-849-00 1-247-839-00 1-247-815-00 1-247-889-00	CARBON CARBON CARBON CARBON CARBON	56K 5.6K 2.2K 220 270K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R788 R789 R790 R801 R802	1-247-879-00 1-247-833-00 1-247-001-11 1-247-837-00 1-247-861-00	CARBON CARBON CARBON CARBON CARBON	100K 1.2K 15 1.8K 18K	5% 5% 5% 5% 5%	1/6W 1/6W 1/4W 1/6W 1/6W	F	
R 579 R 580 R 581 R 582 R 583	1-247-879-00 1-247-831-00 1-247-831-00 1-247-849-00 1-247-892-00	CARBON CARBON CARBON CARBON CARBON	100K 1K 1K 5.6K 360K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R803 R804 R805 R806 R807	1-247-875-00 1-247-867-00 1-247-835-00 1-247-839-00 1-247-894-00	CARBON CARBON CARBON CARBON CARBON	68K 33K 1.5K 2.2K 430K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		
R 584 R 585 R 586 R 587 R 589	1-247-871-00 1-247-789-00 1-247-855-00 1-247-831-00 1-247-831-00	CARBON CARBON CARBON CARBON CARBON	47K 18 10K 1K 1K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R808 R809 R810 R811 R812	1-247-865-00 1-247-835-00 1-247-857-00 1-215-462-00 1-247-873-00	CARBON CARBON CARBON META L CARBON	27K 1.5K 12K 51K 56K	5% 5% 5% 1% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		
R590 R591 R592 R751 R753	1-247-903-00 1-247-886-00 1-212-364-00 1-247-874-00 1-247-875-00	CARBON CARBON METAL OXIOE CARBON CARBON	1M 200K 2.2 62K 68K	5% 5% 5% 5% 5%	1/6W 1/6W 1W 1/6W 1/6W	F	R813 R814 R815 R816 R817	1-247-825-00 1-247-849-00 1-247-857-00 1-247-807-00 1-247-877-00	CARBON CARBON CARBON CARBON CARBON	560 5.6K 12K 100 B2K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		
R754 R755 R756 R757 R758	1-247-861-00 1-247-831-00 1-247-825-00 1-247-831-00 1-247-819-00	CARBON CARBON CARBON CARBON CARBON	18K 1K 560 1K 330	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R818 R819 R820 R821 R822	1-247-868-00 1-247-857-00 1-247-877-00 1-247-879-00 1-247-879-00	CARBON CARBON CARBON CARBON CARBON	36K 12K 82K 100K 100K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		
R760 R761 R762 R763 R764	1-247-824-00 1-247-831-00 1-247-827-00 1-247-886-00 1-247-846-00	CARBON CARBON CARBON CARBON CARBON	510 1K 680 200K 4.3K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R823 R824 R825 R826 R827	1-247-845-00 1-247-833-00 1-247-855-00 1-215-473-00 1-215-447-00	CARBON CARBON CARBON META L META L	3.9K 1.2K 10K 150K 12K	5% 5% 5% 1%	1/6W 1/6W 1/6W 1/6W 1/6W		
R765 R766 R767 R768 R769	1-213-147-00 1-247-802-00 1-247-807-00 1-247-857-00 1-247-021-00	METAL OXIOE CARBON CARBON CARBON CARBON	2.2K 62 100 12K 1.5	5% 5% 5% 5% 5%	1W 1/6W 1/6W 1/6W 1/8W	F	R828 R829 & R830 R831 R832	1-215-441-00 1-247-867-00 1-247-864-00 1-247-841-00	CARBON 9 - 901 7 CARBON CARBON	6.8K 33K 24K 2.7K	1% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		
R770 R771 R772	1-247-021-00 1-247-874-00 1-247-870-00	CARBON CARBON CARBON	1.5 62K 43K	5% 5% 5%	1/8W 1/6W 1/6W	F	R833 R834 R835	1-215-449-00 1-215-464-00 1-215-467-00	METAL	15K 62K 82K	1% 1% 1%	1/6W 1/6W 1/6W		

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Ref.No.	Part No.	Description				• <u>R</u>	emark	Ref.No.	Part No.	<u>Oescription</u>				Remark
R836	1-247-819-00	CARBON	330	5%	1/6W			R889	1-215-463-00	METAL	56K	1%	1/6W	
R837	1-247-831-00	CARBON	1K	5%	1/6W	_		R890	1-212-360-00	METAL OXIDE	1	5%	1W	F
R838	1-206-745-00 1-247-662-00	METAL OXIDE CARBON	6.8K	5% 5%	3W 1/4W	F		E3R891 <u>/A</u> R892	1-215-445-00	METAL (038%) METAL	10K	1%	1/6W 1/6W	
R839 R840	1-247-841-00	CARBON	560 2.7K	5%	1/4W			R893	1-247-851-00	CARBON	6.8K	5%	1/6W	
11010	1 2 17 011 00	GAINDON		- 70	1,011			1				- **	-,	
R841	1-212-361-00	METAL OXIOE	1.2	5%	1 W	F		R894	1-247-869-00	CARBON	39K	5%	1/6W	
R842 R843	1-206-745-00 1-247-851-00	METAL OXIOE CARBON	6.8K 6.8K	5% 5%	3W 1/6W	F		R895 R896	1-247-839-00 1-247-831-00	CARBON CARBON	2.2K 1K	5% 5%	1/6W 1/6W	
R844	1-213-126-00	METAL OXIDE	39	5%	170W	F		R897	1-247-846-00	CARBON	4.3K	5%	1/6W	
R845	1-215-465-00	METAL	68K	1%	1/6W	•		R898	1-247-831-00	CARBON	1K	5%	1/6W	
R846	1-247-819-00	CARBON	330	5%	1/6W			l I R899	1-247-823-00	CAPRON	470	5%	1/6W	
R847	1-247-855-00	CARBON	10K	5%	1/6W			1000	1-247-023-00	CARDON	470	<i>3 </i>	1,011	
R848	1-247-846-00	CARBON	4.3K	5%	1/6W			İ	VAR	1ABLE RESISTOR				
R849	1-247-861-00	CARBON	18K	5%	1/6W				1 000 577 00	DEC 403 040	DON 00			
R850	1-247-844-00	CARBON	3.6K	5%	1/6W			RV501 RV502	1-228-577-00 1-228-724-00	RES, ADJ, CAR RES, AOJ, CAR				
R851	1-247-861-00	CARBON	18K	5%	1/6W			RV502	1-226-848-00	RES. AOJ. CAR				
R852	1-247-863-00	CARBON	22K	5%	1/6W			RV504	1-226-852-00	RES. AOJ. CAR				
R853	1-247-845-00	CARBON	3.9K	5%	1/6W			RV505	1-224-249-XX	RES. AOJ. MET	AL GLA	ZE 1K	, .	
R854 R855	1-247-815-00 1-247-819-00	CARBON CARBON	220 330	5% 5%	1/6W 1/6W			I RV506	1-226-855-00	RES. AOJ. CAR	RON 22	אר		
KOSS	1-247-013-00	CARDON	550	3,6	1,011			RV507	1-226-850-00	RES, ADJ, CAR				
R856	1-247-853-00	CARBON	8.2K	5%	1/6W			RV751	1-226-850-00	RES, ADJ. CAR	BON 4.	7K		
R857	1-247-879-00	CARBON	100K	5%	1/6W			RV752	1-228-724-00	RES, ADJ, CAR				
R858 R859	1-247-890-00 1-247-867-00	CARBON CARBON	300K 33K	5% 5%	1/6W 1/6W			RV753	1-226-850-00	RES, AOJ, CAR	BUN 4.	/K ·		
R860	1-217-418-00		0.47		1/2W	F		RV802	1-228-160-11	RES, ADJ, MET	AL GLA	ZE 5K		
								RV803	1-226-849-00	RES, ADJ, CAR		3K		
R861	1-217-418-00	FUS1BLE CARBON	0.47	10%	1/2W	F		RV804	1-226-847-00 1-226-845-00	RES. AOJ. CAR		'n		
R862 R863	1-244-923-00 1-244-923-00	CARBON	120K 120K	5% 5%	1/2W 1/2W			RV805 RV806	1-226-849-00	RES, ADJ, CAR RES, ADJ, CAR				
R864	1-246-488-00	CARBON	4.3K	5%	1/4W				2 220 0.5 00		5011 00			
R865	1-247-147-00	CARBON	4.7K	5%	1/4W			RV807	1-226-848-00	RES, ADJ, CAR				
R866	1-247-614-00	CARBON	3.3K	5%	1/8W			RV808 RV809	1-223-102-00 1-226-192-00	RES, ADJ, WIR RES, ADJ, CAR				
R867	1-213-143-00	METAL OXIDE	1K	5%	1W	F			1-226-857-00	RES, ADJ, CAR				
R868	1-213-147-00	METAL OXICE	2.2K	5%	1 W	F			1-226-853-00	RES, AOJ. CAR				
R869	1-213-127-00	METAL OXIOE	47	5%	1W	F		!	TDA	NCTODMED				
R870	1-247-867-00	CARBON	3 3 K	5%	1/6W			i' .	1104	NSFORMER				
R871	1-247-839-00	CARBON	2.2K	5%	1/6W			T801	1-437-090-00					
R872 R873	1-247-877-00 1-247-855-00	CARBON CARBON	82K 10K	5% 5%	1/6W 1/6W			1 1803 W	.1-421-693-11	TRANSFORMER,	F E R R I I I	-		
R874	1-247-865-00	CARBON	27K	5%	1/6W			i	THE	RM1STOR				
R875	1-247-843-00	CARBON	3.3K	5%	1/6W			į						
D976	1 212 264 00	METAL OVICE	2 2	E 9/	112	F			1-806-110-00	THERMISTOR THERMISTER, S	200			
R876 R877	1-212-364-00 1-247-874-00	METAL OXIOE CARBON	2.2 62K	5% 5%	1W 1/6W	г		1 14/21	1-000-071-88	INERPITSTER, S	-300			
R878	1-247-894-00		430K		1/6W			*****	*****	******	*****	*****	*****	*****
R879	1-247-841-00		2.7K		1/6W			!						
R880	1-247-839-00	CARBON	2.2K	5%	1/6W			!	*1-613-041-11	H BUARO ******				
R881	1-247-855-00	CARBON	10K	5%	1/6W			i						
R882	1-247-831-00	CARBON	1K	5%	1/6W			ļ.	*4-365-401-00	HOLOER (10 GA	NG), LI	ED		
R883	1-247-841-00	CARBON	2.7K		1/6W			!	DY O	0.5				
R884 R885	1-247-841-00 1-247-881-00	CARBON	2.7K 120K		1/6W 1/6W			1	DIO	UE				
1,000	1-14/-001-00	CHIOOH	ILUN	J /0	1,04			D681	8-719-114-34	DIO0E SY4320				
R886	1-247-845-00		3.9K		1/8W			D682	8-719-114-34	DIOOE \$Y4320				
R887	1-247-807-00		100	5% 1%	1/6W			D683	8-719-114-34 8-719-114-34					•
R888	1-215-477-00	ME IVE	220K	1%	1/6W			D684	0-/13-114-34	DIUDE 31432U				

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Ref.No.	Part No.	<u>Oescription</u>				Remark	Ref.No.	Part No.	<u>Oescription</u>
0685	8-719-114-34	DIOOE SY432D					V901 Å	8-738-312-05	CRT-(330Y822)
D686	8-719-114-34	0100E SY4320							
0687	8-719-114-34						*****	*****	*******
068B	8-719-114-34	OIODE SY432D					i –		
D689	8-719-114-34						į	ACCESSOR	IES AND PACKING MATERIALS
0690	B-719-102-34	DIOOE S G2320					ļ	Part No.	Oescription
	TRA	NS I STOR					ì		
							Į.		BAG. POLYETHYLENE
0681	B-729-204-83	TRANSISTOR 25	41048GF	₹			} 	4-364-734-00 4-364-735-00	COSHION (OPPER) (ASSY) COSHION (LOWER) (ASSY)
	RES	<u>ISTOR</u>					i I	4-365-428-01 4-491-213-22	INOIVIOUAL CARTON INSTRUCTION
R681	1-247-855-00	CARRON	10K	5%	1/6W		ì		
R682	1-247-868-00		36K	5%	1/6W		i	4-493-991-11	MANUAL. INSTRUCTION
R684	1-247-854-00		9.1K		1/6W		İ		
	1-247-831-00		1K	5%	1/6W		i		
R685			1K	5%	1/6W		i		
R 686	1-247-831-00	CARBON	IK	3%	1/08		i		
R687	1-247-851-00	CAR8ON	6.8K	5%	1/6W		1		
R 688	1-247-831-00		1K	5%	1/6W				
R 689	1-247-837-00	CARBON	1.8K	5%	1/6W		I		
							ļ		
	VAR	IABLE RESISTOR					l		
RV68I	1-228-937-00	RES, VAR, CAR	80N 20k	(Ì		
BA685	1-228-938-00	RES. VAR. CAR	80N 20k	(Ì		
DAR83	1-228-038-00	RES. VAR. CAR	80N 20k	i			ì		
K 4003	1 220 030 00	RES, VAR, CAR	RUN SUR	è			i		
K V 004	1 220 730 00	RES, VAR, CAR	DON 101	,			i		
Клооэ	1-220-930-00	RES, VAR, CAN	DON TO	`			i		
RV686	1-228-936-00	RES. VAR. CAR	80N 10k	(į		
	<u>s wi</u>	<u>TCH</u>					į		
c 671	1 516 777 VV	SLIDE SWITCH					i		
S 671							i		
S 672		SLIDE SWITCH					i		
S 673		SLIDE SWITCH					1		
S 674		SWITCH. PUSH					1		
\$675	1-554-405-00	SWITCH, POSH	(5 KEY)			-		
*****	*****	******	*****	****	*****	*****	*		
	MIC	CELLANEOUS					l I		
		********					i		

Δ.1-162-142-21 CAP BLOCK, HIGH VOLTAGE 1.1-1228-482-13 RESISTOR ASSY, HIGH VOLTAGE Δ.1-451-239-11 DEFLECTION YOKE (SY-97A)

1-452-032-00 MA GNET, OISK; 10MM β
1-452-094-00 MA GNET, ROTATABLE DISK; 15MM β

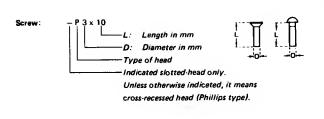
C901 1-123-337-00 CAP, ELECT 1000MF L901 A: 1-426-086-12 COIL DEGAUSSING S901 A: 1-553-584-12 SWITCH, PUSH (POWER) SP901 1-503-109-00 SPEAKER T802 A: 1-439-308-12 TRANSFORMER ASSY, FLYBACK

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.

Remark

Remark

HARDWARE NOMENCLATURE



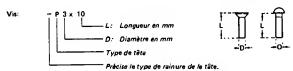
Reference Designation	Shape	Description	Remarks
		SCREWS	
Р	€	pan-head screw	binding head (B) screw for replacement
PWH	€	pan-heed screw with washer face	binding-head (B) screw and flat wesher for replacement
PS. PSP	85 2-	pan-head screw with spring washer	binding-heed (B) screw and spring washer for replace- ment
PSW PSPW	984 5	pan-head screw with spring end flat washers	binding-head (B) screw and spring and flat washers for replacement
R	€3	round-head screw	binding-head (B) screw for replacement
К	₽	flat-countersunk-head screw	
RK	6 D	oval-countersunk-head screw	•
8	Þ	binding-head screw	
τ	₽	truss-head screw	binding-head (B) screw for replacement
F	₽⊒	flat-fillister-head screw	
RF	€∋	fillister-head screw	
BV	(D	brazier-head screw	7

Nut, Washer, Retaining ring) :
Ñ 3 L	Diamater of usable screw or shaft
	- Reference designation

Reference Designation	Shape	Description	Re <i>mer</i> ks
		SELF-TAPPING SCRE	ws
TA		self-tapping screw	ex: TA, P 3 x 10
РТР		pan-head self-tapping screw	binding-head self- tapping (TA, B) screw for replacement
PTPWH	(==	pan-head self-tapping screw with washer face	binding-head self tapping (TA, B) screw and flat washer for replacement
PTTWH		pan-head thread-rolling screw with washer face	binding-head (B) screw and flat washer for replacement
	·	SET SCREWS	
SC		set screw	
sc	-@€⊒-	hexagon-socket set screw	ex: SC 2.6 x 4, hexagon socket
		NUT	
N	-{}-@-	nut	
		WASHERS	
W	0	flat washer	
SW		spring washer	
LW	0	internal-tooth lock washer	ex: LW3, internal
LW	٥	external-tooth lock washer	ex: LW3, external
		RETAINING RINGS	
E	6	retaining ring	
G	୍ଷ	grip-type retaining ring	

NOMENCLATURE FERRONNERIE

Ecrou, Rondelle, Circlips:



Sauf indication contraira il s'agit de vis cruciforme (Type Phillips)

Désignation de la référence	Forme	Oescription	Remarques
		VIS	
Р	₽	Vis à tête cylindrique large	Peut être remplacée par une vis à tête cylindrique (B).
PWH	\$	Vis à tête cylindrique large et rondelle fixe.	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle fixe.
PS PSP	8 53	Vis à tête cylindrique large et rondelle à ressort fixe.	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle à ressort.
PSW PSPW	88	Vis à tête cylindrique large et rondelles plates et à ressort.	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle plate plus une rondelle à ressort.
R	₽	Vis à tête ronde	Peut être remplacée par une vis à tête cylindrique (8).
К .	Ð	Vis à tête fraisée	
RK	₽	Vis à tête freisée bombée	
В	{ □	Vis à tête cylindrique	
т	₽	Vis à tête ronde large	Peut être remplacée par une vis à têta cylindrique (B).
F	₽⊃	Vis à tête moulée plete	
RF	€∋	Vis à tête moulée	
B∨	€	Vis à tête soudée	

N 3	
	—— Diamètre de la vis ou de l'axe utilisable
L	Désignation de la référence

Désignation de le référence	Forme	Description	Remarques
	·	VIS AUTOTARODEUS	SES
TA	(====	Vis autotarodeuse	ex: TA, P 3 x 10
РТР		Vis autotarodeuse à tête cylindrique large.	Peut être remplacée par une vis autotarodeuse à tête cylindrique (TA, B).
PTPWH	8 ::	Vis autotarodeuse à tête cylindrique large et rondelle fixe.	Peut être remplacée par une vis autotarodeuse à tête cylindrique (TA, B) et une rondelle plate.
РТТЖН		Vis à tige filetée et tête cylindrique large avec rondelle fixe.	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle plate.
		VIS OE SERRAGE	
sc		Vis de serrage	
SC	©	Vis de serrage à douille he xagonale	ex: SC 2,6 x 4, douille hexagonal
		ECROU	
N	[]⊚	Ecrou	
		RONOELLES	
W	0	Rondelle plate	
SW	© 1	Rondelle à ressort	
LW	0	Rondelle éventail denture intérieure	ex: LW3, intérieure
LW	٦	Rondelle éventail denture extérieure	ex: ŁW3, extérieure
		CIRCLIPS	
E	8	Circlips	
G	(g)	Circlips à griffe	

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